

ANNUAL REPORT *of the*  
DIRECTOR OF THE MINT  
FISCAL YEAR ENDED JUNE 30, 1948

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INCLUDING REPORT ON THE  
PRODUCTION *of the* PRECIOUS METALS  
FOR THE CALENDAR YEAR 1947



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TREASURY DEPARTMENT

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*Director of the Mint*

## CONTENTS

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	Page
Operations of the Mint Service during the fiscal year 1948-----	1
Production and consumption of gold and silver in the United States during the calendar year 1947-----	13
Addenda:	
Statistical tables-----	35
World monetary statistics-----	100

## ILLUSTRATIONS

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Franklin Liberty Bell half dollar-----	Facing 1
Special Congressional Medals of Honor:	
Gen. John J. Pershing, General of the Armies of the United States of America-----	Facing 3
Brig. Gen. William Mitchell-----	Facing 3



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**REPORT OF THE DIRECTOR OF THE MINT ON THE  
OPERATIONS OF THE MINT SERVICE  
FOR THE FISCAL YEAR 1948**

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FRANKLIN LIBERTY BELL  
NEW DESIGN HALF DOLLAR



OBVERSE



REVERSE

# ANNUAL REPORT OF THE DIRECTOR OF THE MINT

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TREASURY DEPARTMENT,  
BUREAU OF THE MINT,  
*Washington, D. C., September 20, 1948.*

SIR: In compliance with the provisions of section 345 of the Revised Statutes of the United States, I have the honor to submit herewith a report covering the operations of the mints, assay offices and bullion depositories of the United States for the fiscal year ended June 30, 1948, being the Seventy-sixth Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1947.

## OPERATIONS OF THE MINTS, ASSAY OFFICES, AND BULLION DEPOSITORIES

*Functions.*—The principal functions of the Bureau of the Mint consist of the manufacture of domestic and foreign coins; the acquisition of gold and silver, payments for which are made on the basis of mint assays; the safeguarding of the Government's holdings of the monetary metals, including coins in processing stages until finished and issued; the refining of gold and silver; the issuance of Treasury licenses for the acquisition, possession, and use of gold for industrial, professional, and artistic purposes; and the production of medals and other decorations.

*Institutions.*—The Office of the Director of the Mint in Washington administers all activities of the Bureau of the Mint. During the fiscal year 1948 seven field institutions were in operation: Coinage mints at Philadelphia, San Francisco, and Denver; assay offices at New York City and Seattle; gold bullion depository at Fort Knox, Ky.; and silver bullion depository at West Point which operates as an adjunct of the New York Assay Office. Electrolytic refineries are maintained at San Francisco, Denver, and New York. The medal and engraving departments are located at Philadelphia. At the close of the fiscal year 1948 the personnel of the departmental and field institutions totaled 1,283 compared with 1,783 at the beginning of the year.

*Domestic coinage.*—Production of United States coins during the fiscal year 1948 totaled 802,922,066 pieces with a gross weight of approximately 3,160 tons. Subsidiary coins consumed 22,227,385 fine ounces of silver. Minor coins consumed 2,065 tons of copper,

171 tons of nickel, and 82 tons of zinc and tin. Coinage by each mint is shown in the following table:

*United States coinage during the fiscal year 1948*

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
<b>SILVER</b>					
Half dollars—Regular-----	\$1,500,000.00	-----	\$2,014,300.00	\$3,514,300.00	7,028,600
Half dollars—Commemorative: Booker T. Washington-----	60,011.00	\$60,011.00	60,011.00	180,033.00	360,066
Quarter dollars-----	6,737,000.00	1,383,000.00	4,435,600.00	12,555,600.00	50,222,400
Dimes-----	8,770,000.00	2,368,000.00	3,339,400.00	14,477,400.00	144,774,000
Total silver-----	17,067,011.00	3,811,011.00	9,849,311.00	30,727,333.00	202,385,066
<b>MINOR</b>					
5-cent pieces (cupro-nickel)-----	4,938,200.00	231,000.00	1,043,400.00	6,212,600.00	124,252,000
1-cent pieces (bronze)-----	2,441,350.00	1,189,000.00	1,132,500.00	4,762,850.00	476,285,000
Total minor-----	7,379,550.00	1,420,000.00	2,175,900.00	10,975,450.00	600,537,000
Total domestic coinage-----	24,446,561.00	5,231,011.00	12,025,211.00	41,702,783.00	802,922,066

*New design half dollars.*—The new design Franklin Liberty Bell half dollar was released on April 30, 1948. An illustration appears opposite page 1 of this report. The old design Liberty half dollar will continue to circulate. The design of a United States coin may not be changed more frequently than once in 25 years except by a special act of Congress.

*Foreign coinage.*—The mints at Philadelphia and San Francisco manufactured 51,248,367 coins for other countries during the fiscal year 1948. A total of approximately 350 tons of silver, copper, nickel, zinc, and tin were processed into coins for the countries listed below:

*Coinage by the United States Mints for other countries during the fiscal year 1948<sup>1</sup>*

Country and denomination	Composition	Gross weight per coin	Number of pieces coined
Dominican Republic: 1 centavo-----	95 copper-5 zinc and tin	48 grains-----	3,000,000
Ecuador: 1 sucre-----	Pure nickel-----	7 grams-----	13,821,000
El Salvador: 5 centavos-----	70 copper-18 zinc-12 nickel.	5 grams-----	3,000,000
1 centavo-----	95 copper-5 zinc and tin	2.5 grams-----	5,000,000
Total El Salvador-----	-----	-----	8,000,000
Ethiopia: 50 cents-----	700 silver-300 copper	108.5 grains-----	14,127,367
Philippines: 1 peso-----	800 silver-200 copper	20 grams-----	100,000
50 centavos-----	750 silver-250 copper	10 grams-----	200,000
Total Philippines-----	-----	-----	300,000
Saudi Arabia: 1 riyal-----	916 $\frac{2}{3}$ silver-83 $\frac{1}{3}$ copper	180 grains-----	5,000,000
Syria: 50 piasters-----	600 silver-400 copper	5 grams-----	3,000,000
25 piasters-----	do-----	2.5 grams-----	4,000,000
Total Syria-----	-----	-----	7,000,000
Grand total-----	-----	-----	51,248,367

<sup>1</sup> Coinage for El Salvador and the Philippines executed at the San Francisco Mint; all other executed at the Philadelphia Mint.



SPECIAL CONGRESSIONAL MEDALS OF HONOR

GENERAL JOHN J. PERSHING  
GENERAL OF THE ARMIES OF THE  
UNITED STATES OF AMERICA

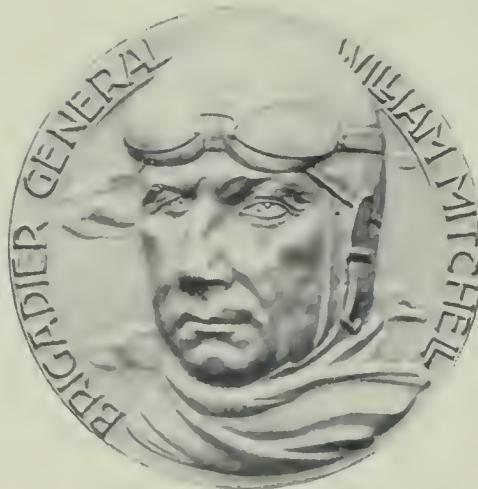


OBVERSE



REVERSE

BRIGADIER GENERAL WILLIAM MITCHELL



OBVERSE



REVERSE

*Issue of United States coin.*—The mint institutions issued 1,102,176,717 United States coins with a value of \$61,517,689.82 during the fiscal year 1948. Denominations were as follows:

Denomination	Number of pieces issued	Face value
Silver dollars	7,235,412	\$7,235,412.00
Half dollars	13,040,693	6,520,346.50
Quarter dollars	54,148,236	13,537,059.00
Dimes	198,096,672	19,809,667.20
5-cent pieces	152,966,202	7,648,310.10
1-cent pieces	676,689,502	6,766,895.02
Total	1,102,176,717	61,517,689.82

*Stock of coins in the United States.*—The total stock of coins in the United States and possessions as of June 30, 1948, is estimated at \$1,804,904,867, comprising standard silver dollars in the amount of \$493,100,146; subsidiary silver coins, \$952,298,876; and minor coins, \$359,505,845.

*Medals.*—The output of service medals and other distinguishing devices for the United States Navy, Marine Corps, Coast Guard, Maritime Commission, and other Government departments, amounted to approximately 8,000,000 pieces during the fiscal year 1948. In addition, there were 438 private medals made and 5,677 commemorative medals sold to the public from regular stock.

*Engraving department.*—All coinage and medal dies used by the mints are produced by the engraving department located at the Philadelphia Mint. During the fiscal year 1948 the department issued a total of 10,471 items, including 8,534 working dies for domestic coinage, 854 working dies for foreign coinage, and 15 sculptured models.

*Bullion deposit transactions.*—Bullion deposit transactions during the fiscal year 1948 totaled 11,209, including 42 intermint transfers. These transactions required a total of 23,396 assay determinations including 970 determinations for the intermint transfers.

*Acquisition of gold.*—Receipts of gold during the fiscal year 1948 are summarized as follows:

[On quantity basis, see p. 37]

	Value
Purchases at \$20.67+ per ounce	\$5,180
Increment to \$35 per ounce	3,346
Purchases at \$35 per ounce	3,234,618,173
Domestic coin transferred (melted)	147,320
Intermint transfers	20,852,393
Total value at \$35 per ounce	3,255,626,412

*Acquisition of silver.*—During the fiscal year 1948 receipts of silver aggregated 129,203,527 fine ounces with the following classification:

[On quantity basis, see p. 37]

Class of bullion	Number of fine ounces received	Class of bullion	Number of fine ounces received
Newly mined domestic silver: Purchases at \$0.7111+ per ounce	40,059	Recoining bullion from uncurrent silver dollars	271,124
Purchases at \$0.905 per ounce	33,443,746	Intermint transfers of silver	154,323
Silver contained in gold deposits, etc.	304,231	Deposits of silver in trust by foreign governments	8,422,430
Silver received in exchange for Government-stamped bars	315,921	Redeposits <sup>1</sup>	84,135,304
Recoining bullion from uncurrent subsidiary coin	1,852,036	Return of lend-lease silver	261,333
		Grand total fiscal year 1948	129,203,527

<sup>1</sup> Consists of Treasury stock previously on loan to the Office of Defense Plants of the Reconstruction Finance Corporation, etc.

*Refinery production of gold and silver.*—During the fiscal year 1948 the refineries produced 2,629,403 fine ounces of gold and 1,999,351 fine ounces of silver by the electrolytic process. In addition, 2,228,465 fine ounces of gold and 59,113 fine ounces of silver were subject to fire process only.

*Stock of unrefined bullion.*—At the close of the fiscal year the stock of unrefined bullion, in terms of the assayed fine gold and silver content, amounted to 1,488 tons.

*Issue bars manufactured.*—There were 170,711 issue bars containing 59,863,942 fine ounces of gold and 964 issue bars containing 229,692 fine ounces of silver manufactured at the mint institutions during the year.

*Sales of gold for industrial use.*—Sales of gold bars to licensed purchasers for industrial, professional, and artistic use totaled \$50,371,332 during the fiscal year 1948. Sales by months are shown in the following table:

[On value basis, see p. 37]

Month	Value of gold bars issued	Month	Value of gold bars issued
1947:		1948—Continued	
July	\$1,047,046.25	February	\$4,838,036.74
August	5,853,840.44	March	3,469,458.83
September	6,593,198.57	April	3,758,618.85
October	8,764,512.61	May	1,605,782.91
November	4,263,110.80	June	3,339,562.44
December	4,380,143.96	Total	50,371,331.98
1948:			
January	2,458,019.58		

*Sales of silver for industrial use.*—Sales of silver under the act of July 31, 1946, amounted to 1,728 fine ounces during the year.

*Monetization of silver bullion.*—Silver certificates in the amount of \$31,159,596 were issued by the Treasury against 24,100,000 fine ounces of silver bullion valued at \$1.29+ per fine ounce, the statutory monetary value of silver. The difference between the cost and the monetary value of the silver was \$9,521,010, which constituted seigniorage.

*Total stock of monetary bullion.*—The total United States stock of gold bullion in custody of mint institutions was valued at \$23,532,345,730 and the stock of silver bullion totaled 963,375,836 fine ounces on June 30, 1948. The Office of Defense Plants of the Reconstruction Finance Corporation, etc., held 728,333,460 fine ounces of Treasury silver on the same date.

*Receipts and disbursements of gold bullion.*—Receipts and disbursements of gold bullion during the fiscal year 1948, and balances on hand June 30, 1948, as compared with June 30, 1947, are shown in the following table:

Institution	Balance on hand June 30, 1947	Receipts during fiscal year 1948 (details below) <sup>1</sup>	Total	Disbursements during fiscal year 1948 (de- tails below) <sup>1</sup>	Balance on hand June 30, 1948
Philadelphia	\$2,741,965.79	\$5,824,010.58	\$8,565,976.37	\$5,521,808.69	\$3,044,167.68
San Francisco	416,344,701.91	32,215,886.91	448,560,588.82	868,565.56	447,602,023.26
Denver	5,722,388,177.49	18,839,701.16	5,741,227,878.65	2,250,054.82	5,738,977,823.83
New York	2,640,690,499.54	3,103,809,494.38	5,744,499,993.92	885,833,057.60	4,858,666,936.32
Seattle	808,413.82	11,721,633.96	12,530,047.78	11,980,629.36	549,418.42
Fort Knox	12,483,415,360.28	-----	12,483,415,360.28	-----	12,483,415,360.28
Total	21,266,389,118.83	3,172,410,726.99	24,438,799,845.82	906,454,116.03	23,532,345,729.79

<sup>1</sup> Includes transfers.

#### DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (includ- ing melted coin)	Surplus bul- lion (includ- ing shipment gains)	Transfers from mints and assay offices	Increment to \$35 per ounce on receipts at \$20.67+	Total
Philadelphia	\$1,651,798.25	\$3,515.79	\$4,168,077.97	\$618.57	\$5,824,010.58
San Francisco	20,217,098.88	5,772.77	11,992,290.43	724.83	32,215,886.91
Denver	18,825,403.65	10,605.94	3,500.00	191.57	18,839,701.16
New York	3,099,083,863.62	36,257.13	4,687,716.22	1,657.41	3,103,809,494.38
Seattle	11,719,286.58	2,193.96	-----	153.42	11,721,633.96
Total	3,151,497,450.98	58,345.59	20,851,584.62	3,345.80	3,172,410,726.99

#### DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine and im- ported bars paid to depositors or sold for cash	Transfers to mints, assay offices, and depositories	Gold in sweeps, manufactures, etc., and oper- ating losses	Total
Philadelphia	\$825,247.87	\$4,687,716.22	\$8,844.60	\$5,521,808.69
San Francisco	817,998.22	-----	50,567.34	868,565.56
Denver	2,233,041.83	-----	17,012.99	2,250,054.82
New York	881,632,906.98	4,183,239.04	16,911.58	885,833,057.60
Seattle	-----	11,980,629.36	-----	11,980,629.36
Fort Knox	-----	-----	-----	-----
Total	885,509,194.90	20,851,584.62	93,336.51	906,454,116.03

*Melting and refining and coining departments.*—The operations of the melting and refining and of the coining departments of the three mints and the New York Assay Office are shown in the table following. The data are based upon the figures obtained at the settlements of the accounts for the fiscal year 1948. Legal limits of wastage on the whole amount delivered by the superintendent to the operative

offices, as prescribed in section 3542 of the Revised Statutes, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—gold, 0.0005; silver, 0.001.

*Operations of the melting and refining and of the coining departments, fiscal year 1948*

GOLD BULLION

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
Philadelphia Mint: Melting and refining.....	Fine ounces 370,035	Fine ounces 370,017	Fine ounces 186,302	Fine ounces 370			
Coining.....	126,470	126,476	126,476	63	6		
San Francisco Mint: Melting and refining.....	7,092,053	7,092,267	2,772,264	7,092	214		
Coining.....		4			4		
Denver Mint: Melting and refining.....	18,333,648	18,333,697	2,653,985	18,334	49		
Coining.....							
New York Assay Office: Melting and refining.....	66,381,330	66,382,356	58,078,853	66,381	1,026		
Total melting and re-finishing.....	92,177,066	92,178,337	63,691,404	92,177	1,271		
Total coining.....	126,470	126,480	126,476	63	10		
Grand total.....	92,303,536	92,304,817	63,817,880	92,240	1,281		

SILVER BULLION

	Fine ounces						
Philadelphia Mint: Melting and refining.....	72,401,118	72,410,800	24,031,622	105,602	9,682		
Coining.....	34,348,195	34,340,366	30,365,779	34,348		7,830	.2579
San Francisco Mint: Melting and refining.....	54,370,691	54,370,481	34,524,666	81,556		210	.0061
Coining.....	4,992,075	4,990,490	4,949,590	4,992		1,045	.2111
Denver Mint: Melting and refining.....	89,772,496	89,782,381	57,394,733	134,659	9,884		
Coining.....	11,515,871	11,515,778	10,290,170	11,516		93	.0090
New York Assay Office: Melting and refining.....	7,469,611	7,470,270	1,157,839	11,204	659		
Total melting and re-finishing.....	224,013,916	224,033,932	117,108,860	336,021	20,015		
Total coining.....	50,856,141	50,846,634	45,605,539	50,856		8,968	.1966
Grand total.....	274,870,057	274,880,566	162,714,399	386,877	11,047		

NICKEL COINAGE METAL

	Gross ounces						
Philadelphia Mint: Melting and refining.....	27,478,087	27,394,156	27,478,087			83,932	3.055
Coining.....	30,506,092	30,413,025	26,172,090			93,067	3.560
San Francisco Mint: Melting and refining.....	6,194,199	6,192,341	1,983,996			1,859	.9370
Coining.....	2,083,899	2,081,890	1,978,122			2,009	1.0156
Denver Mint: Melting and refining.....	9,240,799	9,236,514	9,240,799			4,285	.4637
Coining.....	7,051,590	7,050,231	5,135,800			1,339	.2646
Total melting and re-finishing.....	42,913,085	42,823,011	38,702,882			90,076	2.3274
Total coining.....	39,641,581	39,545,146	33,286,012			96,435	2.8972
Grand total.....	82,554,666	82,368,157	71,988,894			186,511	2.5908

*Operations of the melting and refining and of the coining departments, fiscal year 1948—Continued*

## BRONZE COINAGE METAL

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
Philadelphia Mint:							
Melting and refining	Gross ounces 34,581,517	Gross ounces 34,430,744	Gross ounces 34,581,517	Gross ounces	Gross ounces	Gross ounces 150,774	Gross ounces 4,3600
Coining	43,725,663	43,682,698	40,510,583			42,964	1,0606
San Francisco Mint:							
Melting and refining	22,759,553	22,741,719	18,851,145			17,834	.9460
Coining	18,773,127	18,749,997	17,754,023			23,130	1.3028
Denver Mint:							
Melting and refining	10,026,286	10,013,828	10,026,286			12,458	1.2425
Coining	18,650,122	18,647,365	14,816,010			2,758	.1861
Total melting and refining	67,367,356	67,186,291	63,458,948				
Total coining	81,148,912	81,080,060	73,080,616			181,066	2.8533
Grand total	148,516,268	148,266,351	136,539,564			68,852	.9421
						249,918	1.8304

*Sweeps cellar operations, bullion gains and losses, wastage of coinage metal and loss on sale of sweeps.*—Data on these items for the fiscal year 1948 are contained in the three following tables:

*Sweeps cellar operations (includes crushed discarded melting pots, etc.), fiscal year 1948*

Institution	Source	Material (quantity)		Metal content			
		Bags	Net avoir-dupois	Bars recovered		Tailings	
				Gold	Silver	Gold	Silver
Philadelphia Mint...	Melting and refining	Number 43	Pounds 5,678	Fine ounces 30,704.78		Fine ounces 12,728	
	Coining	42	5,330	4,335		5,948	
	Deposits	7	815			31,659	
	Total	92	11,823	4,335	38,587.31	50,335	14,844.84
San Francisco Mint...	Melting and refining	241	18,414	2,929	172.80	14,052	479.61
	Refinery	532	51,503	55,165	194.47	1,350.842	3,065.34
	Coining	12	1,008			2,948	427.99
	Deposits	19	1,716			19,845	120.57
	Total	804	72,641	58,094	367.27	1,387.687	4,093.51
Denver Mint...	Refinery	1,603	157,721			630.073	9,954.42
	Coining						
	Deposits	100	9,306			162.541	206.41
	Total	1,703	167,027			792.614	10,160.83
New York Assay Office.	Refinery	292	18,339			252.166	
	Deposits	513	33,003			1,185.990	1,497.91
	Total	805	51,342			1,438.156	
	Grand total	3,404	302,833	62,429	38,954.58	3,668.792	30,597.09

*Bullion gains and losses, fiscal year 1948*

Item	Mint at—			Assay office at—		Total
	Philadelphia	San Fran-cisco	Denver	New York	Seattle	
Recovered from melting and refining and coining operations.....	\$7,047.22	\$7,624.02	\$5,964.52	\$36,329.71	-----	\$56,965.47
Recovered incident to receipt of bullion deposits.....	1,402.02	2,094.78	666.71	332.49	\$2,310.70	6,806.70
Gains on light weight and mutilated coin received for recoining.....	399.06	12.23	12.55	-----	-----	423.84
Gains on bullion shipments.....	-----	-----	-----	1,244.67	-----	1,244.67
Total gains.....	8,848.30	9,731.03	6,643.78	36,662.20	3,555.37	65,440.68
Wasted in refining and coining operations.....	6,161.98	872.67	39.89	-----	-----	7,074.54
Net gains.....	2,686.32	8,858.36	6,603.89	36,662.20	3,555.37	58,366.14

*Wastage of coinage metal and loss on sale of sweeps, fiscal year 1948*

Item	Mint at—			New York Assay Office	Total
	Philadelphia	San Fran-cisco	Denver		
Silver wastage:					
Melting and refining department.....		\$146.03	-----	-----	\$146.03
Coining department.....	\$5,531.38	726.64	\$39.89	-----	6,297.91
Nickel wastage:					
Melting and refining department.....	1,236.35	32.16	76.20	-----	1,344.71
Coining department.....	1,370.92	34.77	24.18	-----	1,429.87
Bronze wastage:					
Melting and refining department.....	2,125.02	261.51	180.45	-----	2,566.98
Coining department.....	605.54	339.17	39.94	-----	984.65
Loss on sale of sweeps.....	679.68	844.59	751.49	\$54.30	2,330.06
Total wastage and loss.....	11,548.89	2,384.87	1,112.15	54.30	15,100.21
Reimbursements:					
Silver, departmental wastage offset by other departmental surpluses.....	5,531.38	872.67	39.89	-----	6,443.94
Nickel and bronze wastage from minor coinage profits.....	5,337.83	641.87	320.77	-----	6,300.47
Nickel and bronze wastage offset by charges to foreign metals accounts.....	-----	25.74	-----	-----	25.74
Other wastages, and loss on sweeps from appropriations.....	679.68	844.59	751.49	54.30	2,330.06
Total reimbursements.....	11,548.89	2,384.87	1,112.15	54.30	15,100.21

*Production and consumption of gold and silver in the United States.—* Production of gold and silver refined from ores mined in the United States and Alaska during the calendar year 1947 was as follows:

Gold, 2,165,318 fine ounces with a value of \$75,786,130; and silver, 38,587,069 fine ounces. Distribution of production by state of origin appears in a separate section of this report.

Gold issued for use in the industrial arts in the United States during the calendar year 1947 aggregated \$98,129,578, with a return from industrial use of old jewelry, plate, scrap, etc., amounting to \$49,229,578, giving a net consumption of new gold amounting to \$48,900,000.

Silver issued for use in the arts and industry in the United States during the calendar year 1947 aggregated 126,366,359 fine ounces,

with a return from industrial use from old silverware, scrap, etc., amounting to 27,866,359 fine ounces, giving a net consumption of new silver amounting to 98,500,000 fine ounces.

*Annual Assay Commission of 1948.*—Section 3547 of the Revised Statutes of the United States provides for an annual test of the domestic coinage executed during each calendar year by a commission of whom part are ex officio members, the others, who serve without compensation, being appointed by the President. The purpose is to secure a due conformity in the silver coins to their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint February 11 and 12, 1948, reported the following results of their examination of the 1947 coinage:

*Annual assay coins reserved at various mints during the calendar year 1947*

Denomination	Philadelphia		Denver		San Francisco	
	Pieces	Value	Pieces	Value	Pieces	Value
Half dollars.....	2,058	\$1,029.00	1,962	\$981.00	11	\$5.50
Quarter dollars.....	3,149	787.25	3,110	777.50	554	138.50
Dimes.....	35,748	3,574.80	16,137	1,613.70	7,948	794.80
Totals.....	40,955	5,391.05	21,209	3,372.20	8,513	938.80

#### REPORT OF THE COMMITTEE ON COUNTING

*To the Chairman and members of the Board of Assay Commissioners:*

In accordance with section 3539 of the Revised Statutes, your committee on counting reports that the packages said to contain the pieces reserved by the several mints for the trial of coins were delivered to us by the Superintendent of the Mint at Philadelphia. Verification of the coins reserved were made by checking same against the original record of coin deliveries and reservations for assay in respect to the Philadelphia Mint, and against transcripts furnished the committee showing reservations for assay from the Denver and San Francisco Mints.

At random we selected from the deliveries a certain number of packages, and it was the intention of the committee to include all denominations. Of the packages selected, the coins contained therein were counted, and the number of coins contained in each envelope is noted in the tables below for each mint.

#### REPORT OF THE COMMITTEE ON WEIGHING

The committee on weighing reports that it selected at random a total of 74 coins, consisting of 32 coins from the Philadelphia Mint, 28 coins from the Denver Mint, and 14 coins from the San Francisco Mint. These coins were taken from 37 different deliveries and are believed to be adequately representative of the year's coinage of each mint.

The coins were weighed directly against weights from the set of coin and grain weights regularly reserved for the use of the Commission. This set was delivered under seal of the National Bureau of Standards, and was accompanied by a certificate from that Bureau showing that the errors of all weights of the set were negligible.

Weighings were made with a precision of 0.01 grain on a balance, the sensitivity, accuracy and reliability of which was tested and found adequate before the beginning of the work on February 11, and again on the morning of February 12.

It is to be noted that the weight of each coin was well within the tolerance allowed by law.

The following table shows the maximum deviation of the heaviest and lightest coins of the denominations set forth below, as found from individual weighings:

Denomination	Legal deviation allowed (1947)		Actual deviation					
			Philadelphia		Denver		San Francisco	
	January/June	July/December	Heavy	Light	Heavy	Light	Heavy	Light
Half dollar	1.5	4 grs.	<i>Grains</i>	0.90	<i>Grains</i>	0.66	<i>Grains</i>	0.54
Quarter dollar	1.5	3 grs.		.44		.52		.81
Dime	1.5	1.5		.32		.71		.32
			<i>Grains</i>		<i>Grains</i>		<i>Grains</i>	

#### REPORT OF THE COMMITTEE ON ASSAYING

In compliance with section 3547 of the Revised Statutes, the Committee on Assaying is pleased to report that the assays have been completed on samples taken from the different lots of coin, representing all denominations of silver coined during the calendar year 1947, by the United States Mints at Philadelphia, Denver, and San Francisco.

No gold was coined at any of the mints during the year.

The results of assays on individual coins and mass melts of coins are satisfactory, being well within the limits of tolerance, which is three one-thousandths for silver coins for the first 6 months of the calendar year, and six one-thousandths for the last 6 months of the calendar year, in accordance with Public Law No. 92, approved by the Congress on June 14, 1947.

The highest and lowest assay on an individual coin from each of the three mints is as follows:

	<i>Highest</i>	<i>Lowest</i>
Philadelphia Mint	900. 6	897. 7
Denver Mint	900. 2	898. 6
San Francisco Mint	901. 1	898. 6
Result of mass melting:		
Philadelphia Mint	899. 15	
Denver Mint	899. 22	
San Francisco Mint	899. 4	

The assay balances were tested and found to be in adjustment. The nitric acid used for assaying was found to be free of chlorine, and the weights used for weighing the samples for assay were checked against a set that had been standardized by the National Bureau of Standards.

*Personnel of the Bureau of the Mint.*—The following table summarizes by departments the personnel of the Bureau of the Mint on June 30, 1948, compared with June 30, 1947:

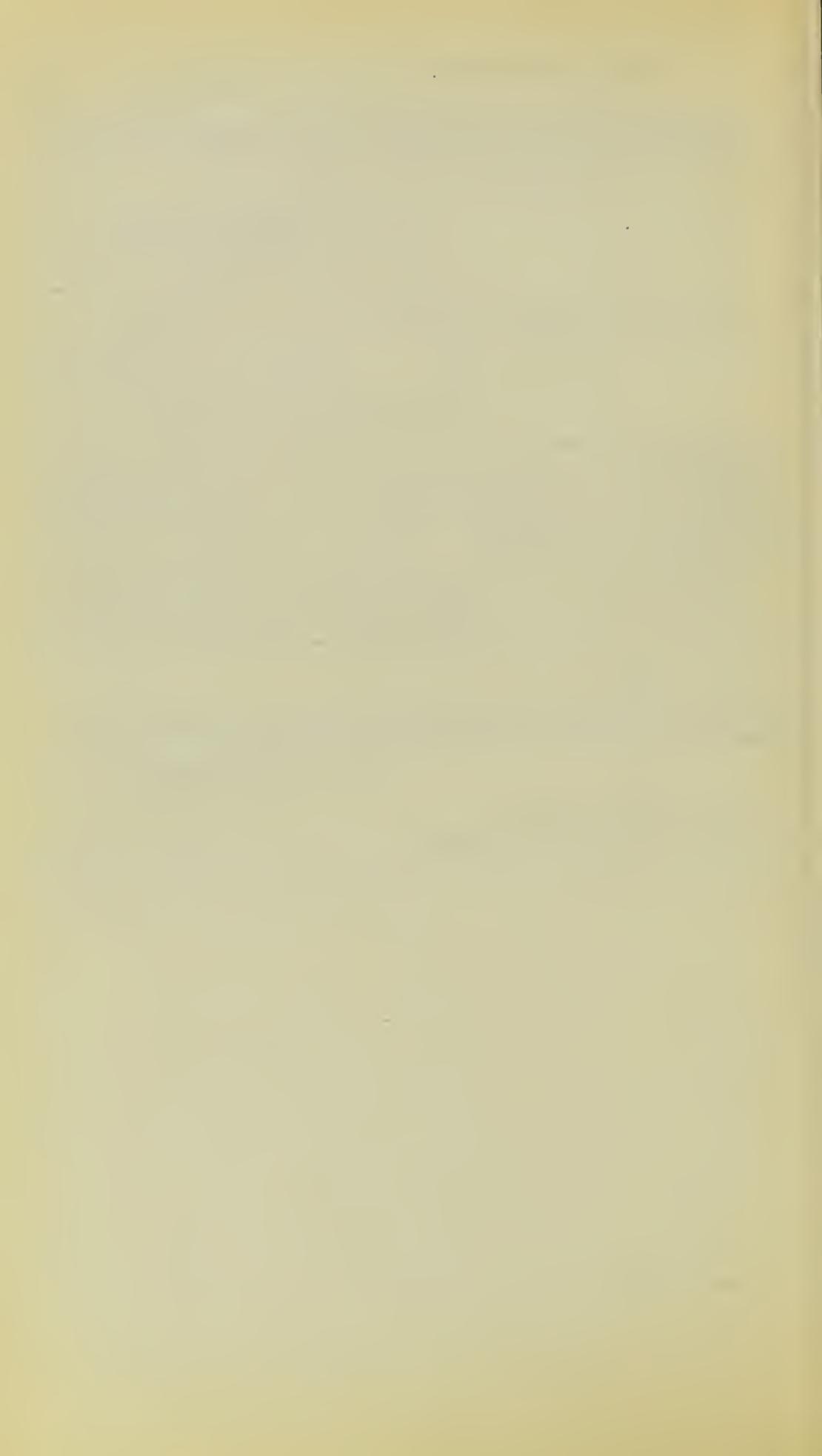
Bureau of the Mint	Established under act of-	Number of employees, by departments									
		General			Deposits division			Melting and Refining			Total
		Administrative, etc.	Custodial	Mechanical	Engraving	Assaying	Coining	June 30, 1948	June 30, 1947		
Office of the Director-----	Feb. 12, 1873	49	—	—	—	—	—	49	48		
Philadelphia Mint-----	Apr. 2, 1792	56	54	20	59	17	18	7	234	60	525
San Francisco Mint-----	July 3, 1852	25	26	3	25	11	—	11	57	48	206
Denver Mint-----	Apr. 21, 1862	32	36	11	41	6	—	8	75	76	254
New York Assay Office-----	Mar. 3, 1853	26	26	9	9	25	—	18	—	46	159
West Point Depository <sup>1</sup> -----	June 22, 1936	—	12	1	—	—	—	—	—	—	13
Seattle Assay Office-----	May 21, 1898	3	2	—	—	4	—	2	—	—	11
Fort Knox Depository <sup>1</sup> -----	Aug. 13, 1935	3	28	4	—	—	—	—	—	35	35
Total June 30, 1948-----		194	184	48	134	63	18	46	366	230	1,283
Total June 30, 1947-----		225	198	68	170	85	24	49	657	307	1,783

<sup>1</sup> Allotment made from a lump construction appropriation.

The foregoing report, covering the operation of the mints, assay offices, and the bullion depositories of the United States for the fiscal year ended June 30, 1948, is respectfully submitted.

NELLIE TAYLOE ROSS,  
*Director of the Mint.*

Hon. JOHN W. SNYDER,  
*Secretary of the Treasury.*



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REPORT OF THE DIRECTOR OF THE MINT ON THE  
PRODUCTION AND CONSUMPTION OF GOLD AND  
SILVER IN THE UNITED STATES FOR  
THE CALENDAR YEAR 1947

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# REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1947

## INTRODUCTION

The official estimate of production of gold and silver in the United States, made by the Bureau of the Mint, is based upon arrivals at United States mints and assay offices and at privately owned refineries. The mints and assay offices determine the State source of all newly mined unrefined material at the time deposits are received. The State source of material received by privately owned refineries is determined from information submitted by them and by intervening smelters, mills, etc., involved in the reduction processes.

The estimated industrial consumption of gold and silver is based upon issues by mints and assay offices, private refiners, dealers and manufacturers, plus an estimate of domestic coin melted for industrial use. From the total thus calculated there is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net materials, consumed.

### *Gold production*

Production of domestic mined gold, based upon arrivals at mints and assay offices and at private refineries, totaled 2,165,318 fine ounces with a value of \$75,786,130 during the calendar year 1947, representing an increase of 48 percent over the previous year. States of highest production were California, South Dakota, and Utah. Alaska ranked fourth, followed by Colorado, Arizona, and Nevada. The table following sets forth the comparative State production for the calendar years 1946 and 1947 with the percentage increase for the latter year.

*Production of gold mined in the several States and Territory of Alaska, with percentage increase, calendar years 1946 and 1947 (based on arrivals at mints and assay offices and at private refineries)*

State in which mined	1946		1947		Increase in 1947
	Fine ounces	Value	Fine ounces	Value	
Alabama	1	\$35			
Alaska	192,303	6,730,605	319,781	\$11,192,335	66.3
Arizona	70,498	2,467,430	105,143	3,680,005	49.1
California	349,970	12,248,950	422,473	14,786,555	20.7
Colorado	129,604	4,536,140	174,571	6,109,985	34.7
Georgia	21	735	75	2,625	( <sup>1</sup> )
Idaho	30,340	1,061,900	59,997	2,099,895	97.7
Montana	62,350	2,182,250	87,812	3,073,420	40.8
Nevada	89,924	3,147,340	105,083	3,677,905	16.9
New Mexico	9,152	320,320	10,212	357,420	11.6
Oregon	16,961	593,635	18,231	638,085	7.5
Pennsylvania	1,178	41,230	1,436	50,260	21.9
South Dakota	307,647	10,767,645	411,209	14,392,315	33.7
Tennessee	72	2,520	304	10,640	( <sup>1</sup> )
Texas	10	350	56	1,960	( <sup>1</sup> )
Utah	152,228	5,327,980	402,327	14,081,445	164.3
Vermont	150	5,250	98	3,430	( <sup>1</sup> )
Virginia	12	420	2	70	( <sup>1</sup> )
Washington	49,911	1,746,885	44,998	1,574,930	9.8
Wyoming	22	770	1,510	52,850	( <sup>1</sup> )
Total	1,462,354	51,182,390	2,165,318	75,786,130	48.1

<sup>1</sup> Base too small for significant comparison.

The grand total production of gold in the United States and its possessions since 1792 amounts to 278,140,308 fine ounces with a value of \$6,455,441,875. The year of peak production occurred in 1940, with an output of 6,003,105 fine ounces. For United States production by calendar years 1792-1943, see page 36 of the Annual Report of the Director of the Mint For the Fiscal Year Ended June 30, 1944, and for later years, each succeeding report.

### *Silver production*

Production of domestic mined silver, based upon arrivals at mints and assay offices and at private refineries, totaled 38,587,069 fine ounces during the calendar year 1947, which was an increase of 83 percent over the previous year. Idaho maintained the highest production, followed in order by Utah, Montana, Arizona, Colorado, Nevada, and California.

The Treasury price for domestic silver mined subsequent to July 1, 1946, was \$0.905 per fine ounce in accordance with the act of July 31, 1946. The New York official market quotation for bar silver 0.999 fine averaged \$0.718 in 1947.

The table following compares production by state for the calendar years 1946 and 1947 with the percentage increase for the latter year.

*Production of silver mined in the several States and Territory of Alaska, with percentage increase, calendar years 1946 and 1947 (based on arrivals at mints and assay offices and at private refineries)*

State in which mined	1946	1947	Increase in 1947
	Fine ounces ( <sup>1</sup> )	Fine ounces	
Alabama			
Alaska	36,221	72,056	98.9
Arizona	2,991,406	4,870,385	62.8
California	1,195,765	1,937,346	62.0
Colorado	2,040,874	2,966,715	45.4
Georgia	( <sup>1</sup> )	13	( <sup>2</sup> )
Idaho	6,218,895	10,700,950	72.1
Illinois	2,288	6,829	( <sup>2</sup> )
Missouri	68,430	166,879	143.9
Montana	2,747,700	6,068,633	120.9
Nevada	1,339,421	2,106,402	57.3
New Mexico	477,021	616,549	29.2
New York	15,727	16,001	1.7
Oregon	8,290	32,076	( <sup>2</sup> )
Pennsylvania	8,123	9,401	( <sup>2</sup> )
South Dakota	89,017	111,197	24.0
Tennessee	17,716	80,359	353.6
Texas	33,610	30,621	-8.9
Utah	3,530,855	8,395,806	137.8
Vermont	32,369	21,262	-34.3
Virginia	835	2,160	( <sup>2</sup> )
Washington	248,694	375,339	50.9
Wyoming	12	90	( <sup>2</sup> )
Total	21,103,269	38,587,069	82.8

<sup>1</sup> Less than 1 fine ounce.

<sup>2</sup> Base too small for significant comparison.

The grand total silver production in the United States and its possessions since 1792 amounts to 3,950,705,012 fine ounces. The year of peak silver production occurred in 1915, with an output of 74,961,075 fine ounces. For United States production by calendar years 1792-1943, see page 36 of the Annual Report of the Director of the Mint for the Fiscal Year Ended June 30, 1944, and for later years, each succeeding report.

### *Gold and silver consumption*

Gold and silver issued for industrial, professional, and artistic purposes, the amount of secondary or old materials returned for reworking, etc., and the net amount of gold and silver issued during the calendar year 1947 is shown in the following statement:

Item	Gold	Silver
Government-stamped bars issued by mints and assay offices	\$44,851,003	2,478,600
Bullion in various forms issued by private refiners and dealers	53,278,575	125,810,415
United States coin (estimated)		77,344
Total issued	98,129,578	126,366,359
Old jewelry, plate, scrap, etc., returned to private refiners, dealers, and to monetary use	49,229,578	27,866,359
Net new material issued	48,900,000	98,500,000

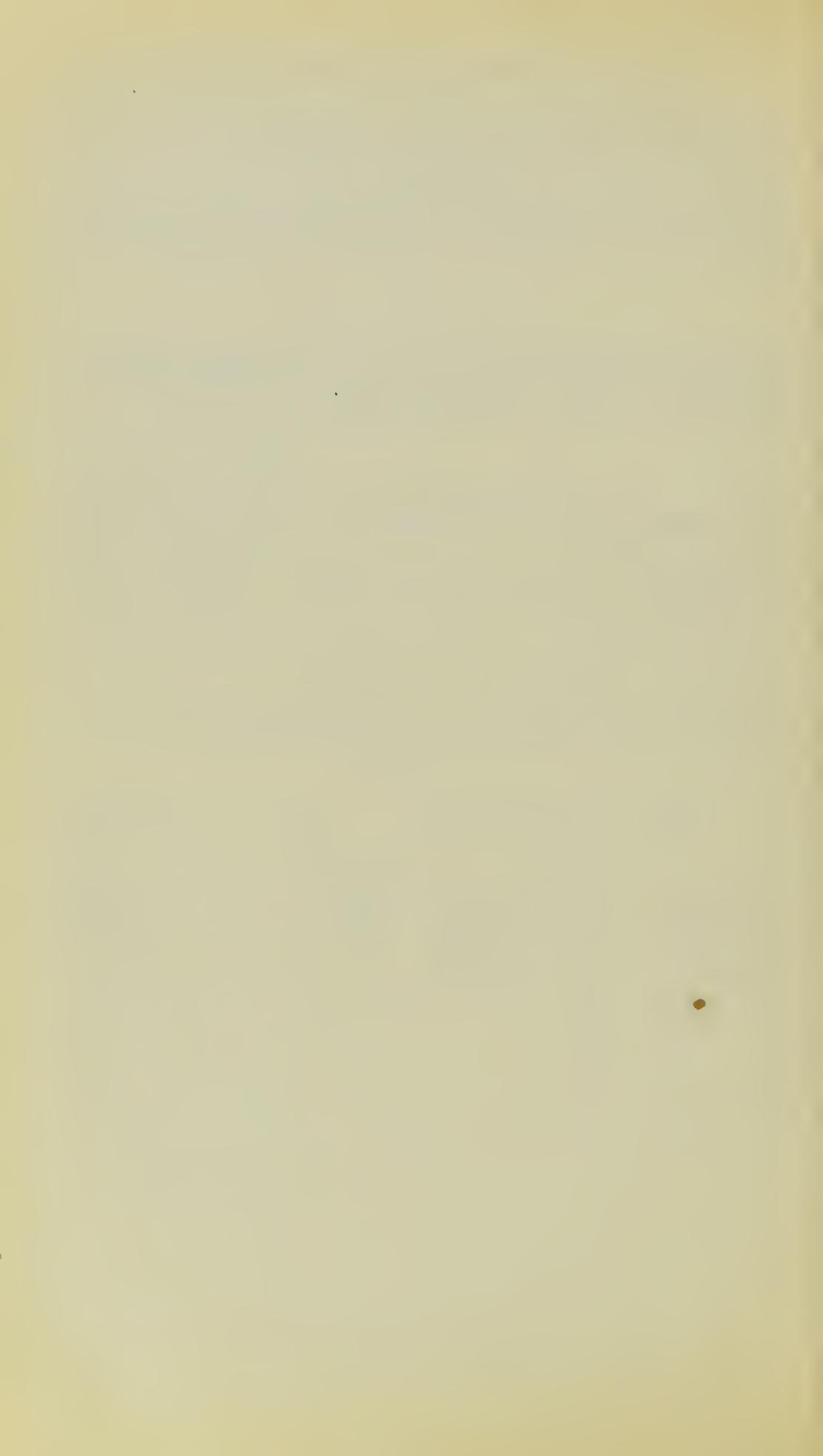
<sup>1</sup> Gold valued at \$35 per fine ounce.

<sup>2</sup> Includes 3,227 fine ounces of silver sold under the act of July 31, 1946.

Monthly issues of gold bars for cash by the mints and assay offices during the calendar year 1947 were as follows:

[On value basis, see p. 37]

Month	Value of gold bars issued	Month	Value of gold bars issued
January	\$5,877,317.15	August	\$5,853,840.44
February	3,840,095.47	September	6,593,198.57
March	2,058,504.21	October	8,764,512.61
April	916,508.47	November	4,263,110.80
May	839,556.95	December	4,380,143.96
June	417,168.47	Total	44,851,003.35
July	1,047,046.25		



## REVIEW OF GOLD AND SILVER MINING INDUSTRY

A review of the gold and silver mining industry in the various States and Alaska for the calendar year 1947, for which acknowledgment is made to the United States Bureau of Mines, follows. It should be noted that production figures stated therein are based on a mine canvass of recoverable metal and, due principally to the time lag involved before this material reaches the mints and assay offices and private refineries, will not necessarily agree, on a yearly basis, with the figures published by the Bureau of the Mint.

### ALASKA

The value of gold and silver production from mines in Alaska was \$9,859,436 in 1947, compared with \$7,971,104 in 1946, according to Alfred L. Ransom of the United States Department of the Interior, Bureau of Mines. Although the 279,988 fine ounces of gold valued at \$9,799,580 recovered from ores and gravels in 1947, represented an increase of 23 percent over the 1946 output, the production was substantially under the general level during the few years immediately preceding the war (in 1940, 755,970 ounces, valued at \$24,341,345). Alaska silver production in 1947 totaled 66,150 fine ounces valued at \$59,866, an increase of 37 percent in quantity and 44 percent in value from 1946.

Placer mines produced 99 percent of the total Alaska output of gold, and connected-bucket dredges 67 percent, compared with 97 percent for all placers and 65 percent for dredges in 1946. Twenty-seven connected-bucket dredges and six dragline dredges were operated in 1947. Other placer operations numbered 233 (excluding itinerant prospectors, snipers, high-graders, and others who gave no evidence of legal right to property). The five leading placer-gold producers in 1947, listed in order of output, were: United States Smelting Refining & Mining Co., Fairbanks district; New York Alaska Gold Dredging Corp., Tuluksak-Aniak district; Cripple Creek Mining Co., Innoko district; Arctic Circle Exploration Co., Fairhaven district; and Yukon Placer Mining Co., Fortymile district.

Nineteen lode mines were active in 1947, three more than in 1946, and these contributed only 1 percent of the total gold output, compared with 3 percent in 1946. Of the gold produced from lode mines in 1947, 80 percent was derived from dry gold ore and 20 percent from lead ore (including a small quantity from zinc ore). The small gold output from lode mines resulted mainly from the continued shutdown of the Alaska Juneau mine, which accounted for 70 percent of the total lode gold output in 1940. The three leading lode gold-producing operations in order of production were: Nixon Fork Mining Co. (Nixon Fork mine), McGrath district; Cleary Hill Mines Co. (Cleary Hill mine), Fairbanks district; and J. H. Scott Co. (Riverside mine), Hyder district.

Of the silver produced in Alaska in 1947, 66 percent was a by-product of gold mining, and 34 percent came from lead ore (including a small quantity from zinc ore). The United States Smelting Refining & Mining Co. was the leading producer of silver in 1947, with the J. H. Scott Co. a close second.

The total production of gold and silver in Alaska, in terms of recovered metals, from 1880 through 1947, has been 26,363,416 ounces of gold, valued at \$635,734,162, and 19,856,448 ounces of silver, valued at \$14,141,457.

## ARIZONA

Most of the gold and silver produced in Arizona is a byproduct of copper ore and zinc-lead ore; and, owing to a substantial gain in both classes of ore in 1947, the State output of gold and silver increased, according to C. E. Needham and Paul Luff, of the United States Department of the Interior, Bureau of Mines.

The output of gold increased from 79,024 fine ounces valued at \$2,765,840 in 1946, to 95,860 fine ounces valued at \$3,355,100 in 1947, a gain of 21 percent. Gold from lode mines increased from 78,626 ounces in 1946 to 95,546 ounces in 1947, but recovery from placers decreased from 398 ounces to 314. Copper ore yielded 75,711 ounces of gold, 79 percent of the State gold in 1947 (61,347 ounces in 1946, 77 percent); zinc-lead ore, 13,639 ounces, 14 percent (12,917 ounces in 1946, 16 percent); siliceous ores, 4,572 ounces, 5 percent (3,564 ounces in 1946, 4 percent); and lead ore, most of the remainder. Ore amalgamated furnished 329 ounces of gold; ore and old tailings cyanided, 955 ounces; concentrates smelted, 65,551 ounces; and crude ore smelted, 28,711 ounces.

About 89 percent of the State gold in 1947 came from six districts—Ajo, Big Bug, Copper Mountain (Morenci), Pioneer (Superior), Verde (Jerome), and Warren (Bisbee). The output from these districts increased from 67,246 ounces in 1946 to 84,998 ounces in 1947. The New Cornelia mine of the Phelps Dodge Corp., Pima County, was by far the leading gold producer in Arizona. It was followed by the Copper Queen (Bisbee) branch of the Phelps Dodge Corp., Cochise County; the Magma mine, Pinal County; the Iron King mine, Yavapai County; the Morenci branch of the Phelps Dodge Corp., Greenlee County; and the United Verde branch of the Phelps Dodge Corp., Yavapai County. These six properties, all copper mines except the Iron King, produced 88 percent of the State total gold.

The total gold production in Arizona, in terms of recovered metal, from 1860 through 1947 has been 10,964,019 ounces valued at \$271,235,820.

The output of recoverable silver in Arizona in 1947 was 4,569,084 fine ounces valued at \$4,135,021, an increase of 40 percent in quantity and 57 percent in value compared with the 1946 output of 3,268,765 fine ounces valued at \$2,641,162. Copper ore yielded 2,583,264 ounces of silver, 57 percent of the State silver in 1947 (1,764,558 ounces in 1946, 54 percent), and zinc-lead ore 1,598,652 ounces, 35 percent (1,205,685 ounces in 1946, 37 percent); the remainder came principally from siliceous ores, lead ore, zinc-copper ore, zinc-lead-

copper ore, and zinc ore. Silver from copper ore increased 818,706 ounces (46 percent), that from zinc-lead ore 392,967 ounces (33 percent), and that from siliceous ores 52,242 ounces (31 percent).

About 76 percent of the State total silver in 1947 came from six districts—Ajo, Big Bug, Copper Mountain (Morenci), Pioneer (Superior), Verde (Jerome), and Warren (Bisbee). The output from these districts increased from 2,376,994 ounces in 1946 to 3,484,935 ounces in 1947. The Phelps Dodge Corp. continued to be the chief silver producer in Arizona, and its output was about 1,000,000 ounces more than in 1946; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced 61 percent of the State silver in 1947. Other large silver producers were the Iron King, Magma, Flux-January-Norton, San Xavier (Eagle-Picher Mining & Smelting Co.), Castle Dome, and St. Anthony properties.

The total silver production in Arizona, in terms of recovered metal, from 1860 through 1947 has been 297,256,498 ounces valued at \$221,399,720.

## CALIFORNIA

Gold production in California in 1947 was greater than the output in 1946, but still far below the prewar level (1,408,793 fine ounces in 1941), according to Alfred L. Ransome, of the United States Department of the Interior, Bureau of Mines. Silver production was 19 percent higher than in 1946, making 1947 the fourth consecutive year of increase.

The increase in gold production at lode mines was accomplished despite the fixed price for gold and the prevailing high costs of labor, supplies, and equipment. Many lode mines that were large gold producers before the war remained closed during 1947; however, the Empire Star Mines Co., Ltd., in the Grass Valley district, Nevada County, which suspended operation of its Empire Star group of mines in 1946, resumed mining in 1947, principally on a lessee-operation basis. Placer operations, which accelerated production rapidly after July 1, 1945, raised their total output again in 1947, but at a more moderate rate of increase than in 1946.

Monthly output of gold in 1947, which during January was above the peak of 1946, reached a maximum of 42,537 ounces in April. For the balance of the year, the trend was a gradual decrease in production; the low output for 1947 was 34,029 ounces in December, slightly lower than the 1946 peak output.

The production of recoverable gold from California ores, gravels, and re-treated tailings in 1947 was 431,415 fine ounces valued at \$15,099,525, compared with 356,824 fine ounces valued at \$12,488,840 in 1946, an increase of 21 percent in quantity and value. In 1947, 210 lode mines produced 118,877 ounces of gold valued at \$4,160,695, and 210 placer mines produced 312,538 ounces of gold valued at \$10,938,-830. Placer mines supplied 72 percent and lode mines 28 percent of the total in 1947 compared with 76 percent and 24 percent, respectively, in 1946.

Of the gold derived from lode operations, 94 percent was recovered from dry gold ore, 3 percent from zinc ore, 1 percent from lead ore, 1 percent from dry gold-silver ore, and the remainder from zinc-lead, copper, zinc-copper, and dry silver ores. Metallurgical data show

that 56 percent of the lode gold in 1947 (53 percent in 1946) was recovered by amalgamation of ore, 31 percent (31 percent in 1946) by cyanidation of ore and old tailings, 9 percent (10 percent in 1946) by smelting of concentrates, and 4 percent (6 percent in 1946) by smelting ore and old tailings.

The yardage of material handled at placer mines increased 22 percent, and the output of placer gold gained 16 percent. Lode-gold production increased 37 percent, whereas tonnage of material treated increased 17 percent.

In the following 1947 data on placer mining, 1946 figures are given in parentheses. Floating dredges of the connected-bucket type washed 95,478,000 (78,175,000) cubic yards of gravel and recovered 271,165 (244,679) ounces of gold valued at \$9,490,775 (\$8,563,765) or 93 (93) percent of the placer gold produced in the State in 1947. Dragline dredges—those having a floating washing plant to which gravel is delivered by a dragline excavator—washed 5,718,000 (4,309,000) yards of gravel which yielded 26,617 (16,932) ounces of gold valued at \$931,595 (\$592,620). Nonfloating washing plants, to which gravel was delivered by mechanical means, washed 261,000 (771,000) yards of gravel and recovered 3,916 (2,576) ounces of gold valued at \$137,060 (\$90,160). Hydraulic mines produced 1,194 (1,147) ounces of gold valued at \$41,790 (\$40,145) derived from 332,000 (443,300) yards of gravel. Drift mining accounted for 224 (158) ounces of gold valued at \$7,840 (\$5,530) from 2,000 (5,700) yards of gravel, and suction dredging produced 485 (112) ounces of gold valued at \$16,975 (\$3,920) from 60,000 (22,900) yards of gravel. Small-scale hand-operated equipment, including small sluice boxes, long tons, dip boxes, rockers, and pans, was used in producing 8,937 (4,168) ounces of gold valued at \$312,795 (\$145,880).

Sacramento County, because of the productivity of connected-bucket dredges, ranked first among the California gold-producing counties in 1947. Nevada County was second, the gold coming principally from the increased output of lode mines. Yuba, Stanislaus, and Butte Counties, which occupied third, fourth, and fifth place, respectively, derived almost all the 1947 gold production from connected-bucket dredging.

The principal gold-producing mines in California in 1947, listed by operators in order of output, were the Natomas Co., Sacramento County (dredge), Yuba Consolidated Gold Fields (Yuba unit), Yuba County (dredge), and the Idaho-Maryland Mines Corp., Nevada County (gold ore).

Production of silver from California ores, gravels, and re-treated tailings in 1947 was 1,597,442 fine ounces valued at \$1,445,685 compared with an output of 1,342,651 ounces valued at \$1,084,862 in 1946. Of the lode silver, 77 percent was derived from lead ore, 9 percent from zinc ore, 3 percent each from zinc-lead, dry gold-silver, dry-gold, and dry silver ores, and 1 percent each from zinc-copper and copper ores. A small quantity of silver was recovered as a byproduct of dredging and other placer methods carried on principally for gold. Smelting of ore and old tailings supplied 74 percent of the lode silver recovered in the State, smelting of concentrates 24 percent, and amalgamation and cyanidation of ore and old tailings 2 percent.

The principal silver-producing mines in California in 1947, listed

by operators in order of output were: Anaconda Copper Mining Co., Inyo County (lead ore); Shawmut Copper Mine Co., Calaveras County (zinc ore); and Finley Co. and Anaconda Copper Mining Co., Inyo County (lead ore).

## COLORADO

The mine production of gold in Colorado in 1947 was 168,279 fine ounces valued at \$5,889,765—an 18-percent increase over 1946, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. The quantity produced in 1947 was still much less than the annual output before wartime restrictions lasting nearly 3 years were placed on gold mining in 1942. In 1941 the output was 380,029 ounces; the peak output was 1,391,364 ounces in 1900. In 1947 several placer operations shut down because of high labor and material costs, but the consequent decline in placer-gold output (from 20,172 ounces in 1946 to 17,573 ounces in 1947) was more than offset by the increase in lode-gold production, particularly in the Upper San Miguel, Cripple Creek, and Leadville districts. Silver produced in Colorado in 1947 totaled 2,557,653 fine ounces valued at \$2,314,676 compared with 2,240,151 ounces valued at \$1,810,042 in 1946. The largest annual output of silver recorded for the State was 25,838,600 ounces in 1893.

Teller County (Cripple Creek district), with an output of 58,158 ounces of gold, or 35 percent of the State total, continued in 1947 to be the principal gold-producing district in Colorado. The ore produced, comprising 103,031 tons of newly mined ore and 310,232 tons obtained from old dumps, was treated by amalgamation and cyanidation in the Golden Cycle mill at Colorado Springs. San Miguel County (output 39,567 ounces of gold) ranked second and was followed by San Juan County (20,123 ounces), Lake (17,367 ounces), Park (15,123 ounces), Ouray (4,536 ounces), and Clear Creek (2,911 ounces). The foregoing 7 counties produced 94 percent of the State total gold output, and 22 other counties together produced 6 percent. Dry and siliceous ores yielded 77 percent of the State total gold; placers (chiefly connected-bucket and dragline-dredge operations in Park and Lake Counties), 10 percent; zinc-lead ore, 9 percent; and zinc, lead, copper, and zinc-lead-copper ores, 4 percent.

The five leading Colorado gold-producing companies in 1947, in order of rank, were: Golden Cycle Corporation (Cripple Creek operations), Telluride Mines, Inc. (San Miguel County), Shenandoah-Dives Mining Co. (San Juan County), Cresson Consolidated Gold Mining & Milling Co. (Cripple Creek), and Resurrection Mining Co. (Leadville).

San Miguel County ranked first in silver production in 1947; its output was 440,676 ounces compared with 358,443 ounces in 1946. The other important silver-producing counties were San Juan County, 417,451 ounces; Mineral, 317,712 ounces; Lake, 261,928 ounces; Eagle, 233,351 ounces; Summit, 192,999 ounces; Clear Creek, 167,830 ounces; Ouray, 150,886 ounces; and Dolores, 124,199 ounces. The nine counties named above produced 90 percent of the State total silver output, and 19 other counties together produced 10 percent. Dry and siliceous ores yielded 55 percent of the State total silver; zinc-lead ore nearly 19 percent; zinc ore more than 10 percent; copper ore 8

percent; and lead, lead-copper, and zinc-lead-copper ores and placers 8 percent.

The total output of the above-mentioned types of ore, nearly all of which yielded gold and silver, was 1,544,694 tons in 1947 compared with 1,463,496 tons in 1946. Complete data on the quantity of placer gravel washed are not available. The number of producing lode mines in 1947 was 290 and placers 33 compared with 235 and 28, respectively, in 1946.

The five leading silver-producing companies, in order of output, were: Emperius Mining Co. (Amethyst and other mines at Creede), The New Jersey Zinc Co. Empire Zinc Division (Eagle mine at Gilman), Idarado Mining Co. (Treasury Tunnel Mines, San Miguel County claims), Telluride Mines, Inc. (Smuggler-Union mine, San Miguel County), and Shenandoah-Dives Mining Co., San Juan County.

The total production of recovered gold and silver in Colorado from 1858 through 1947 has been 39,226,222 ounces of gold valued at \$866,794,734 and 732,984,331 ounces of silver valued at \$569,884,801.

## IDAHO

The output of recoverable gold in Idaho increased 51 percent, from 42,975 fine ounces valued at \$1,504,125 in 1946 to 64,982 fine ounces valued at \$2,274,370 in 1947, according to C. E. Needham and Paul Luff of the United States Department of the Interior, Bureau of Mines. The yield of gold from lode mines rose from 22,852 ounces in 1946 to 45,206 ounces in 1947, but that from placer properties decreased slightly from 20,123 ounces to 19,776 ounces. This marked gain from lode properties resulted principally from increased mining and milling operations at the Yellow Pine mine in Valley County. Of the State total gold in 1947, 61 percent came from gold ore, 22 percent from bucket dredging, 8 percent from zinc-lead ore, and 8 percent from dragline dredging. Eight bucket dredges and 12 dragline dredges treated 4,402,841 cubic yards of gravel in 1947 and recovered 19,283 fine ounces of gold and 3,999 fine ounces of silver.

More than 58 percent of Idaho's gold in 1947 came from two lode mines—one in the Yellow Pine district in Valley County and the other in the Middle Boise (Atlanta) district in Elmore County. The remainder came largely from dredging operations in the Boise Basin district, Boise County; Gibbonsville district, Lemhi County; Yankee Fork district, Custer County; Kirtley Creek district, Lemhi County; and Elk City and Ten Mile (Golden) districts, Idaho County. The Bradley Mining Co., operating the Yellow Pine mine at Stibnite, was the leading State gold producer. It was followed by Talache Mines, Inc. (lode) at Atlanta, Baumhoff-Marshall, Inc. (two bucket dredges) near Centerville, Idaho-Canadian Dredging Co. (bucket dredge) at Idaho City, Snake River Mining Co. (bucket dredge) at Sunbeam, Triumph lode mine at Triumph, and Idaho-Warren Dredging Co. (bucket dredge) near Gibbonsville. Gold recovered from ore amalgamated totaled 3,099 ounces; from old tailings cyanided, 136 ounces; from concentrates smelted, 41,039 ounces; and from crude ore smelted, 932 ounces.

The total production of gold in Idaho, in terms of recovered metals, from 1863 through 1947 has been 7,905,731 ounces valued at \$179,-839,988.

After dropping steadily each year for the past several years, Idaho's silver output made a remarkable come-back in 1947—the output was 10,345,779 fine ounces valued at \$9,362,930, an increase of 59 percent in quantity and 79 percent in value over the output of 6,491,104 ounces valued at \$5,244,812 in 1946. Since 1933 the State has been the largest producer of silver in the United States. The gain in 1947 resulted mainly from a substantial increase in output of silver ore, silver-lead ore, and zinc-lead-silver ore from mines in the Coeur d'Alene region. Of the State total silver, silver ore yielded nearly 50 percent, zinc-lead ore and tailings 41 percent, lead ore 6 percent, and gold ore most of the remainder. The recovery of silver from silver ore increased from 2,610,389 ounces in 1946 to 5,121,229 ounces in 1947 (96 percent), that from zinc-lead ore from 3,441,787 ounces to 4,244,008 ounces (23 percent), and that from silver-lead ore from 264,279 ounces to 637,415 ounces (141 percent).

The Coeur d'Alene region produced 89 percent of the State total silver in 1947; the remainder came largely from the Warm Springs, Yellow Pine, and Bayhorse districts.

Ten mines—the Sunshine, Polaris, Bunker Hill & Sullivan, Silver Dollar, Page, Triumph, Sherman, Yellow Pine, Star, and Osburn tailing plant—produced 75 percent of the State silver in 1947. All but the Triumph and Yellow Pine are in the Coeur d'Alene region.

The total production of silver in Idaho, in terms of recovered metal, from 1863 through 1947, has been 530,831,191 ounces valued at \$368,394,923.

## MISSOURI

Silver is recovered as a byproduct in smelting lead concentrates produced in southeastern Missouri and in refining bullion derived from the concentrates, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. In the sale of the lead concentrates, no value is attached to the silver, as the quantity recovered per ton of concentrates is very small. The concentrates usually contain 1 to 2 ounces of silver per ton, but a large part of the bullion obtained from the concentrates is not desilverized. From 1944 through 1947 a little silver was recovered from copper concentrates made in milling lead-copper-cobalt-nickel-iron ore mined at Fredericktown, Mo. The Missouri output of recoverable silver in 1947 was 93,600 ounces valued at \$84,708, compared with 69,401 ounces valued at \$56,076 in 1946. The St. Joseph Lead Co. continued to be the principal producer of silver in Missouri.

No mine output of gold is recorded for Missouri from 1907 through 1947, the years covered by the annual canvass of mines.

## MONTANA

Montana lodes in 1947 yielded 62,690 fine ounces of gold and placers 27,434 fine ounces—a total of 90,124 ounces valued at \$3,154,340—according to C. E. Needham and Paul Luff of the Bureau of Mines, United States Department of the Interior. Compared with

1946, this represents an increase of 47 percent from lodes and a decrease of 2 percent from placers, or an over-all rise of 28 percent. Significant in increasing State gold yield in 1947 were the return to production of the Perry-Schroeder dredge near Helena and the Granite-Bimetallic tailings operation at Philipsburg, the marked increase in zinc-lead materials treated by the Anaconda Copper Mining Co. at Butte, and the large increase in gold output from the Keating mine in Broadwater County.

Of Montana's total gold in 1947, 38 percent was derived from siliceous gold and silver ores (39 percent in 1946), 32 percent from base-metal ores (21 percent in 1946), and 30 percent from placers (40 percent in 1946). Ores concentrated yielded 33 percent of the State gold; ores shipped to smelters, 16 percent; and ores treated at amalgamation and cyanidation mills (with or without concentrating equipment), 21 percent.

Gold producers in Montana that produced 2,000 ounces or more in 1947 were the Anaconda Copper Mining Co. (copper ore and waste and zinc-lead ore and dumps) at Butte and Anaconda; Jardine Mining Co. (gold ore) at Jardine; Winston Bros. (placer) in Jefferson County; Porter Bros. (placer) at Helena; McLaren Gold Mines Co. (copper ore) in Park County; Drumlummon mine (gold ore) at Marysville; Ruby mine (gold ore) in Phillips County; Golden Sunlight mine (gold ore) near Whitehall; H. & H. Mines (placer) in Granite County; Keating mine (gold ore) in Broadwater County; and U. S. Grant mine (gold-silver ore) near Virginia City. These 11 properties produced 70 percent of the State gold in 1947.

The total production of gold in Montana, in terms of recovered metal, from 1862 through 1947 has been 17,142,245 ounces valued at \$384,431,787.

The output of recoverable silver in Montana in 1947 was 6,326,190 fine ounces valued at \$5,725,202, which represents an increase of 93 percent above the yield of 3,273,140 ounces in 1946. This pronounced increase of 3,053,050 ounces resulted mainly from the marked gain in yield of the metal from zinc-lead ores produced at the Butte Hill mines and dumps of the Anaconda Copper Mining Co. at Butte. This source in 1946 contributed only 2 percent of the State total silver, but in 1947 it climbed to nearly 48 percent.

Zinc-lead ore furnished 61 percent of the total silver in 1947; copper ore, 28 percent; siliceous ores, nearly 10 percent; and lead ore and zinc ore, about 2 percent. Ore treated at concentrating mills yielded 88 percent of the total silver and smelting ore, 11 percent; minor sources were old slag fumed, ores amalgamated or cyanided, and placers.

The Anaconda Copper Mining Co. supplied 74 percent of the total silver in 1947. Other producers, in order of output—each producing 100,000 ounces or more—were the Emma mine at Butte, Granite-Bimetallic tailings at Philipsburg, Benton group in Cascade County, Mike Horse mine at Flesher, and the North Butte mine at Butte. These 6 contributed 85 percent of the State silver.

The total production of silver in Montana, in terms of recovered metal, from 1862 through 1947 has been 755,476,013 ounces valued at \$552,801,254.

## NEVADA

Gold production in Nevada in 1947 was 2 percent below the total for 1946 and the lowest in quantity since 1895, whereas the output of silver was up 10 percent, according to Alfred L. Ransome of the United States Department of the Interior, Bureau of Mines. A principal factor in the reduced gold output was the lower production from placer mines in 1947. The increased silver production was due largely to increased prices not only for silver, but indirectly for lead. Basic metal ores, including copper ore, accounted for 71 percent of the silver recovered in 1947.

The output of gold from Nevada ores, old tailings, and gravel in 1947 was 89,063 fine ounces valued at \$2,517,205 compared with 90,680 fine ounces valued at \$3,173,800 in 1946. Production of silver in 1947 was 1,377,579 fine ounces valued at \$1,246,709, compared with 1,250,651 fine ounces valued at \$1,010,526 in 1946.

Gold was recovered from the following sources: Copper ore, 48 percent; dry gold ore, 37 percent; placer gravel, 8 percent; zinc-lead ore, 4 percent; dry gold-silver ore, 2 percent; and all other ores, 1 percent. Metallurgical data show that 56 percent of the State lode gold was recovered by smelting concentrates, 34 percent by cyaniding of ore and old tailings, nearly 7 percent by the direct smelting of ore and old tailings, and nearly 3 percent by amalgamation of ore and old tailings.

The principal Nevada gold mines in 1947, listed by operating companies and in order of output were Kennecott Copper Corp. (Nevada Mines Division): White Pine County (copper ore); Consolidated Gold-acres Co., Lander County (gold ore); Consolidated Coppermines Corp., White Pine County (copper ore); Consolidated Chollar, Gould, & Savage Mining Co., Storey County (gold ore); Standard Cyaniding Co., Pershing County (gold ore); Combined Metals Reduction Co., and Raymond Ely West Mining Co., Lincoln County (zinc-lead ore); Copper Canyon Mining Co., Lander County (copper ore); Graf Dayton Dredging Co., Lyon County (dragline dredge); Natomas Co., Lander County (dragline dredge); and William M. Donovan, Lyon County (gold and lead ores).

Nevada lode silver was recovered from the following sources in 1947: Zinc-lead ore, 32 percent; copper ore, 21 percent; lead ore, 18 percent; dry silver ore, 13 percent; dry gold-silver ore, 8 percent; dry gold ore, 7 percent; and all other ores, nearly 1 percent. Placer gravels washed primarily for gold yielded a small quantity of silver. The direct smelting of ore and old tailings accounted for nearly 46 percent of the lode silver produced in Nevada in 1947, a little more than 43 percent recovered by the smelting of concentrates, and nearly 11 percent came from cyanidation of ore and old tailings. A negligible quantity of silver was recovered by the amalgamation of ore.

The principal silver mines in Nevada in 1947, listed by operating companies and in order of output, were Combined Metals Reduction Co. and Raymond Ely West Mining Co., Lincoln County (zinc-lead ore); Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); Bristol Silver Mines Co., Lincoln County (copper ore); Consolidated Chollar, Gould, & Savage Mining Co., Storey County (gold ore); lessees of the Tonopah Mining Co. of Nevada, Nye

County (gold-silver ore); Standard Cyaniding Co., Pershing County (gold ore); McFarland & Hullinger, Elko County (lead ore); Consolidated Coppermines Corp., White Pine County (copper ore); Salt Lake Pioche Mining Co., Lincoln County (lead ore); and Prince Consolidated Mining Co., Lincoln County (lead and zinc-lead ores).

## NEW MEXICO

Activity in straight gold and silver mining in New Mexico was at a minimum throughout 1947, and most of the precious-metal output was recovered from base-metal mines, according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. Production of gold totaled 3,146 fine ounces valued at \$110,110 compared with an output of 4,009 ounces in 1946 valued at \$140,315.

Copper ore from the Lordsburg district, Hidalgo County, yielded more than half the State output of gold in 1947. Copper ore from the State as a whole yielded slightly more than 56 percent of the State total gold, zinc ore yielded 24 percent, lead and zinc-lead ores 12 percent, and dry and siliceous ores and placers nearly 8 percent. No cyanidation mill was operated in the State in 1947, and only 14 ounces of gold were recovered by amalgamation and 23 ounces by placer methods; the rest of the State output was recovered from ores and concentrates shipped to smelters. The principal gold-producing mines, in order of output, were: Atwood mine, Lordsburg district (Hidalgo County); Bayard, Central district (Grant County); and Bonney and Miser's Chest group, Lordsburg district.

The mine production of recovered silver in New Mexico in 1947 was 515,833 fine ounces valued at \$466,829, compared with 338,000 ounces in 1946 valued at \$273,104. Of the total silver produced in 1947, zinc ore yielded 41 percent; copper ore, 35 percent; zinc-lead ore, 17 percent; lead ore, 6 percent; and dry and siliceous ores and placers, 1 percent. Grant County contributed 38 percent of the total silver, Hidalgo County more than 37 percent, Socorro County nearly 22 percent, and other counties together 3 percent. The principal silver producers, in order of output, were C. H. & S. A. McIntosh (Atwood mine) in Hidalgo County; American Smelting & Refining Co. (Ground Hog group) in Grant County; United States Smelting, Refining & Mining Co. (Bayard mine) in Grant County; American Smelting & Refining Co. (Magdalena Unit) in Socorro County; Banner Mining Co. (Bonney and Miser's Chest group) in Hidalgo County, and J. D. Torres (Kelly mine) in Socorro County.

The total production of gold and silver in New Mexico, in terms of recovered metals, from 1848 through 1947 has been 2,185,981 fine ounces of gold valued at \$49,843,528, and 68,270,564 fine ounces of silver valued at \$53,412,027.

## OREGON

Production of gold in Oregon in 1947 increased 8 percent over that of 1946, but the total recovered was only 17 percent of the all-time record set in 1940, according to Alfred L. Ransome of the United States Department of the Interior, Bureau of Mines. Silver production increased 339 percent compared with 1946, owing largely to

lode operations, which accounted for 89 percent of the State silver output.

The production of gold from Oregon ores and gravels was 18,979 fine ounces valued at \$664,265 in 1947, compared with 17,598 fine ounces valued at \$615,930 in 1946. Placer mines produced 93 percent of the gold, and 69 percent of the placer gold was recovered by connected-bucket dredges, 28 percent by dragline dredges, 2 percent by hydraulicking, and 1 percent by other methods. Lode mines produced 7 percent of the total gold; virtually all lode gold was derived from dry and siliceous ores, a minor quantity being recovered from copper ore. Metallurgical data show that ultimate recovery of 55 percent of the total lode gold was from the direct smelting of ore, 25 percent was as bullion from the amalgamation and cyanidation of ore, and 20 percent was from the smelting of concentrates. The leading Oregon gold producer in 1947 was the Sumpter Valley Dredging Co. (connected-bucket dredge), Sumpter district, Baker County.

Oregon ores and gravels in 1947 yielded 30,379 ounces of silver valued at \$27,493 compared with 6,927 ounces valued at \$5,597 in 1946, an increase of 339 percent in quantity and 391 percent in value. Of the State total, Jefferson County yielded more than two-thirds, principally from lode mining; dry silver ore was the principal source of lode silver and direct smelting the principal method of recovery.

## SOUTH DAKOTA

Gold production in South Dakota in 1947 totaled 407,194 fine ounces valued at \$14,251,790, an increase of 30 percent over 1946, and 68 percent of the average annual output for the five prewar years 1937-41, according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. Shortage of underground labor continued to be the principal deterrent to capacity operation of the gold mines; the supply at the end of the year was reported to be about 60 percent of that required for normal operations. As usual, the Homestake mine at Lead, Lawrence County, equipped with amalgamation and cyanidation plants capable of treating 4,000 tons of ore daily, contributed the bulk of the gold output. The Bald Mountain Mining Co. gold mine at Trojan, equipped with a 370-ton cyanidation mill, was also an important producer. Zinc-lead ore from the Belle Eldridge in Lawrence County yielded 49 ounces of gold, and gold ore from the Western Belle Lode near Hill City, Pennington County, yielded 2 ounces.

The silver output, which was incidental to the mining of gold, lead, and zinc, increased from 86,901 fine ounces valued at \$70,216 in 1946 to 111,684 ounces valued at \$101,074 in 1947. Gold ore from the Homestake and Bald Mountain properties yielded 111,149 ounces of silver in 1947 and zinc-lead ore from the Belle Eldridge mine 535 ounces.

The total production of gold and silver, in terms of recovered metals, in South Dakota from 1876 through 1947 has been 21,453,495 fine ounces of gold valued at \$532,469,534 and 9,799,693 fine ounces of silver valued at \$7,001,132.

## STATES EAST OF THE MISSISSIPPI RIVER

The 1947 mine output of gold in the States east of the Mississippi River increased 39 percent over 1946, according to Samuel A. Gustavson of the United States Department of the Interior, Bureau of Mines. The quantity produced in 1947 was 1,997 fine ounces valued at \$69,895, compared with 1,432 ounces in 1946 valued at \$50,120. Because of prevailing economic conditions in 1947 unfavorable to gold mining, little production was reported from straight gold and gold-silver lode mines in the States east of the Mississippi River during the year. The Georgia production, 76 ounces, came from the old Calhoun gold mine in Lumpkin County, operated by Calhoun Mines, Inc.

Gold recovered incidental to the production of other metals comprised 1,518 ounces from Pennsylvania, 100 ounces from Vermont, and 303 ounces from Tennessee. The Pennsylvania output was recovered in treating magnetite-pyrite-chalcocite ore from the Cornwall mine in Lebanon County. Tailings from magnetic separators are treated by flotation for recovery of copper concentrate, which contains gold and silver, and pyrite concentrate, which contains cobalt. The copper concentrate is shipped to the Phelps Dodge Refining Corp. smelter and electrolytic refinery at Laurel Hill, N. Y., where gold and silver are recovered. Production of gold in Vermont, also contained in copper concentrate shipped to the Laurel Hill plant, was derived from copper ore produced at the Elizabeth mine in Orange County. The Tennessee output of gold was recovered from copper-iron-zinc sulfide ore from the Tennessee Copper Co. mines in the Ducktown district, Polk County. Some of the ore was smelted direct in the company smelter at Copperhill, but most of it was concentrated in selective flotation mills which produced copper, iron, and zinc concentrates. The recoverable gold and silver were contained in the copper concentrate that was smelted to produce blister copper, which was shipped to an electrolytic refinery.

Silver produced by mines in States east of the Mississippi River in 1947 totaled 137,780 ounces valued at \$124,691, compared with 76,964 ounces valued at \$62,187 in 1946. The bulk of the silver output was recovered from copper concentrates shipped to smelters and electrolytic refineries from the mines that also produced byproduct gold. The Tennessee Copper Co. mines in Tennessee contributed 79,147 ounces of recoverable silver, the Elizabeth mine in Vermont 21,469 ounces, the Cornwall mine in Pennsylvania 9,863 ounces, and copper mines in Michigan 3,089 ounces. A total of 22,409 ounces of silver was recovered from lead concentrates shipped from the Balmat zinc-lead mine of the St. Joseph Lead Co. in St. Lawrence County, N. Y. The silver produced in Illinois was recovered from lead concentrates shipped from mills treating zinc-lead-fluorspar and lead-fluorspar ores mined in southern Illinois and totaled 1,790 ounces in 1947 compared with 2,302 ounces in 1946. Some silver was recovered from gold ore mined at the Calhoun mine in Georgia.

## TEXAS

In 1947 mines in Texas produced 45 fine ounces of gold valued at \$1,575 and 20,547 fine ounces of silver valued at \$18,595, according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. The output in 1946 was 9 ounces of gold valued at \$315 and 42,922 ounces of silver valued at \$34,681. Most of the gold was recovered from lead-silver ore from the Carr mine at Shafter, Presidio County. The principal producers of silver were the Presidio and Carr mines in Presidio County and the Hazel near Van Horn, Culberson County.

The total Texas production of gold and silver, in terms of recovered metals, from 1885 through 1947 has been 8,335 fine ounces of gold valued at \$225,670 and 33,288,910 fine ounces of silver valued at \$23,433,656.

## UTAH

The mine production of gold in Utah in 1947 reached an all-time high of 421,662 fine ounces (421,651 ounces from lodes and 11 ounces from placers), valued at \$14,758,170, according to C. E. Needham and Paul Luff of the Bureau of Mines, United States Department of the Interior. This record production was an increase of 136 percent over the 1946 State gold output of 178,533 ounces and restored Utah to its former position as the leading gold-producing State for the year. Copper ore remained the chief source of gold, supplying 87 percent of the State output; zinc-lead ore followed with 8 percent; other base-metal ores contributed less than 1 percent; and siliceous gold and silver ores, nearly 5 percent. Two placers reported production in 1947.

Of the State gold in 1947, 91 percent came from the West Mountain (Bingham) district, where gold output was 173 percent greater than in 1946. The Park City region, second in position, gained less than 1 percent; and the Tintic district, in third place, recorded a loss of 14 percent.

The leading gold producers in Utah in 1947, each with an output of more than 1,000 ounces of recoverable metal, were as follows: Utah Copper mine and the United States & Lark group, both in the West Mountain (Bingham) district; New Park Mining Co. in the Park City region; Tintic Bullion and Centennial-Beck-Victoria mines, Chief Consolidated Mining Co., and the Eureka Lilly mine, all four in the Tintic district; and the National Tunnel & Mines Co. in the West Mountain (Bingham) district. These eight properties produced 97 percent of the State gold in 1947.

The total production of gold in Utah, in terms of recovered metal, from 1864 through 1947 has been 11,064,640 ounces valued at \$287,487,440.

The mine output of silver in Utah in 1947 was 7,780,032 fine ounces valued at \$7,040,929—a gain of 89 percent in quantity and 112 percent in value over the 1946 output of 4,118,453 ounces valued at \$3,327,710. Zinc-lead ore, zinc ore, lead ore, and zinc-lead-copper ore together supplied 50 percent of the State silver in 1947, copper ore 40 percent, and siliceous ore 9 percent. The remainder came from zinc slag fumed.

The West Mountain (Bingham) district supplied 62 percent of the State silver in 1947, and production increased 137 percent from

2,030,182 ounces in 1946 to 4,816,611 ounces in 1947. The Park City region produced 1,352,048 ounces (1,009,422 ounces in 1946) and the Tintic district 1,076,726 ounces (619,724 ounces in 1946).

Producers in 1947, each with an output of more than 125,000 ounces of recoverable silver, were the Utah Copper mine, United States & Lark property, Chief Consolidated Mining Co., Park Utah Consolidated Mines Co., New Park Mining Co., Silver King Coalition Mines Co., Calumet mine, Pacific Bridge Co., Butterfield group, and the Tintic Standard mine. These 10 properties furnished 89 percent of the State silver in 1947.

The total production of silver in Utah, in terms of recoverable metal, from 1864 through 1947 has been 726,952,551 ounces valued at \$531,126,691.

#### WASHINGTON

The mine output of gold in Washington in 1947 was 34,965 fine ounces (51,168 ounces in 1946) valued at \$1,223,775, according to C. E. Needham and Paul Luff of the Bureau of Mines, United States Department of the Interior. Lode mines produced 34,888 (\$1,221,-080) and placer mines 77 ounces (\$2,695).

The decrease of 16,203 ounces (32 percent) in the State output of gold as compared with 1946, dropped the 1947 output to the lowest level since 1936. This severe decline resulted mainly from closure late in 1946 to August 1947, of the Holden mine and mill in Chelan County in order to develop ore. The Knob Hill mine in Ferry County made an appreciable gain over its 1946 output and became Washington's leading gold producer, forcing the Holden mine into second place. The Aurum group in Ferry County retained third place; its gold yield in 1947 was three times that in 1946. These three properties supplied over 99 percent of the State gold in 1947. Output of placer gold was 24 percent less in 1947 than in 1946. Of the State gold in 1947, 65 percent was derived from siliceous gold ore and nearly all the remainder from zinc-copper ore.

The total production of gold in Washington, in terms of recovered metal, from 1860 through 1947 has been 2,213,635 ounces valued at \$56,232,548.

The mine output of silver in Washington in 1947 was 293,736 fine ounces valued at \$265,831, an increase of 11 percent in quantity over the 1946 yield of 264,453 ounces. All leading producers of silver in the State except the Holden mine made gains in 1947. The Knob Hill mine (gold ore) remained in the lead, followed by the Holden mine (zinc-copper ore) and the Kaaba Silver-Lead mine (zinc-lead ore) in Okanogan County. These three contributed 70 percent of the State silver in 1947. Other mines supplying important quantities were the Aurum group in Ferry County, and the Bonanza, Cleveland, Deer Trail, and Young America, all in Stevens County. Gold ore was the source of 45 percent of Washington's silver in 1947, followed by zinc-lead ore with 32 percent, and zinc-copper ore with 17 percent; lead ore, lead-copper ore, zinc ore, copper ore, gold-silver ore, and placers together supplied 6 percent.

The total production of silver in Washington, in terms of recovered metal, from 1860 through 1947 has been 13,123,609 ounces valued at \$9,375,344.

## WYOMING

The Wyoming output of gold in 1947—all from Fremont County—totaled 1,486 fine ounces valued at \$52,010, according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. The output of silver, recovered incidentally in gold mining, was 95 fine ounces valued at \$86. The Carissa mine in the South Pass district, operated by Mica Mountain Mines, Inc., produced 1,455 ounces of gold (98 percent of the State total) and 84 ounces of silver (88 percent). A 70-ton amalgamation-cyanidation mill was completed in March 1947, and 5,999 tons of ore were treated during the period of operation until October 1, when the company suspended milling because of unsatisfactory labor supply and the failure to have the new highway completed for winter use. A little gold and silver were recovered from a mill clean-up at the Duncan mine, and 7 ounces of gold and 1 ounce of silver produced near Atlantic City in 1946 were sold in 1947 and credited to the production of that year. In 1946 the State output of gold was 105 ounces valued at \$3,675, and that of silver, 26 ounces, valued at \$21.

The total production of gold and silver in Wyoming, in terms of recovered metals, from 1867 through 1947, has been 79,527 fine ounces of gold valued at \$1,891,773, and 74,787 fine ounces of silver valued at \$51,883.

*Distribution of gold and silver production of the United States, in fine ounces, for 1947, by sources of production (table furnished by the Bureau of Mines)*

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ores <sup>1</sup>	Lead ores <sup>2</sup>	Copper ores
		Floating connected bucket dredges	All other			
Alaska.....	3,545	188,239	88,204	43,686	22,464	-----
Arizona.....	95,546	-----	314	218,307	1,767,513	2,583,264
California.....	118,877	271,165	41,373	157,265	1,420,366	19,811
Colorado.....	150,706	3 16,400	3 1,173	1,405,664	948,600	203,389
Georgia.....	76	-----	-----	13	-----	-----
Idaho.....	45,206	14,112	5,664	5,428,380	4,912,947	4,452
Illinois.....	-----	-----	-----	-----	1,790	-----
Michigan.....	-----	-----	-----	-----	-----	3,089
Missouri.....	-----	-----	-----	93,600	-----	-----
Montana.....	62,690	21,749	5,685	612,721	3,928,524	1,784,945
Nevada.....	82,062	1,119	5,882	397,242	695,088	285,249
New Mexico.....	3,123	-----	23	6,722	330,306	178,805
New York.....	-----	-----	-----	22,409	-----	-----
Oregon.....	1,331	4 12,164	4 5,484	29,658	-----	721
Pennsylvania.....	6 1,518	-----	-----	-----	-----	8 9,863
South Dakota.....	407,194	-----	-----	111,149	535	-----
Tennessee.....	303	-----	-----	-----	-----	79,147
Texas.....	45	-----	-----	17,456	2,951	140
Utah.....	421,651	-----	11	718,224	3,959,160	3,102,648
Vermont.....	100	-----	-----	-----	-----	21,469
Washington.....	34,888	-----	77	133,471	159,986	279
Wyoming.....	1,479	-----	7	95	-----	-----
Total.....	1,430,340	524,948	153,897	9,280,053	18,266,239	8,277,271

<sup>1</sup> Contains small quantity of silver from placer mines (86,132 fine ounces).

<sup>2</sup> Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper and zinc-lead-copper ores.

<sup>3</sup> Production by dragline dredges included with that by connected-bucket dredge; Bureau of Mines not at liberty to publish separately.

<sup>4</sup> Production by nonfloating washing plants included with that by connected-bucket dredge; Bureau of Mines not at liberty to publish separately.

<sup>5</sup> From copper concentrates from magnetite-pyrite-calcopyrite ores.



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**ADDENDA TO REPORT OF THE DIRECTOR OF  
THE MINT**

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## ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

### *Bases Used for Mint Service Statistics*

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations, prior to the fiscal year 1940, the receipt classification item of "Domestic refinery bullion" included that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that worked only old materials. Beginning with the fiscal year 1940 segregation of these items has been made in the tabulations.

*Stock of domestic coin.*—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial use and general disappearance; from 1928 to 1933 the additional factor of gold coin "earmarked," or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such; any unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, considering only coins of the type commonly in circulation, the amounts coined, those withdrawn for

recoinage, and general disappearance. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage but not yet reviewed, which coin is subject to classification adjustments.

*Domestic coin made.*—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

*Number of gold and silver deposit transactions and assay determinations during the fiscal year 1948*

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
<b>Deposit transactions:</b>						
Purchases	1,733	3,662	1,163	3,208	1,256	11,022
Transfers	124					124
Intermitt transfers	2	37		3		42
Trust deposits	21					21
<b>Total</b>	<b>1,880</b>	<b>3,699</b>	<b>1,163</b>	<b>3,211</b>	<b>1,256</b>	<b>11,209</b>
<b>Deposit assay determinations:</b>						
Purchases	2,748	3,903	1,690	10,133	1,656	20,130
Transfers	935					935
Intermitt transfers		835		135		970
Trust deposits	1,361					1,361
<b>Total</b>	<b>5,044</b>	<b>4,738</b>	<b>1,690</b>	<b>10,268</b>	<b>1,656</b>	<b>23,396</b>

*Number of gold and silver deposit transactions and assay determinations during the calendar year 1947*

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
<b>Deposit transactions:</b>						
Purchases	1,712	3,726	1,335	3,444	1,231	11,448
Transfers	116					116
Intermitt transfers	1	21		2	1	25
Trust deposits	18					18
<b>Total</b>	<b>1,847</b>	<b>3,747</b>	<b>1,335</b>	<b>3,446</b>	<b>1,232</b>	<b>11,607</b>
<b>Deposit assay determinations:</b>						
Purchases	2,659	4,821	1,772	10,225	1,692	21,169
Transfers	2,523					2,523
Intermitt transfers		563		59	1	623
Trust deposits	1,039					1,039
<b>Total</b>	<b>6,221</b>	<b>5,384</b>	<b>1,772</b>	<b>10,284</b>	<b>1,693</b>	<b>25,354</b>

*Deposits and purchases of gold during the fiscal year ended June 30, 1948*

[On quantity basis, see p. 37]

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
<b>PRIMARY RECEIPTS</b>						
Newly mined—mine source:						
Alaska.....	Fine ounces 272,162.387	Fine ounces 2,243	Fine ounces 6,189.038	Fine ounces 218,572	Fine ounces 397,252	Fine ounces 265,345.227
Arizona.....	527.622		522.765	4,757		23.981
California.....			354,735.099	24,457		
Colorado.....	354,783.537	53.550	354,735.099	95,122.416		
Georgia.....	95,137.211	14,795				
Idaho.....	29,149.272		5,630.833	5,095.978		
Montana.....	46,537.423		34,2,092	28,469.566		
Nevada.....	39,305.983		34,265.418	9,677		
New Mexico.....	34,272		8,943	25,329		
Oregon.....	18,025.413		3,218.262	14,587.018		
South Dakota.....	14,587.018					
Texas.....	2,919					
Utah.....	1,303					
Washington.....	3,106.512					
Wyoming.....	984,826					
Unallocated.....	221,511	215,852		977,677		
				5.659		
Total newly mined unrefined.....	874,620.689	286,440	404,573,505	144,584,437	397,252	324,779,035
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.995 fine):						
Refined bars (0.995 fine and over).....	7,430,065			517,278		6,912,787
473,060.700			3,988.954	370,128,153	98,943.533	
Total newly mined refined.....	480,490,765		3,988.954	370,645,431	98,943.593	6,912,787
Total newly mined domestic.....	1,355,111,434	286,440	408,562,459	515,229,868	99,340,845	331,691,822
Other domestic:						
Secondary coin:						
Domestic coin: Purchased.....	43,701,892		13,727,834	26,835,383	71,519,822	3,147,590
Transferred from Treasury and Federal Reserve banks.....	33,704	22,088	1,667	1,572	7,623	.754
Total other domestic.....	4,197,722	3,055,132	1,142,590			
Total domestic.....	163,166,947	46,782,112	14,872,091	26,836,955	71,527,445	3,148,344
	1,518,278,381	47,068,552	423,434,550	542,066,823	170,868,290	334,840,166

## ADDENDA

<b>Imports:</b>					
Bullion unrefined.....	6,076,629.475		134,747.517		5,941,881.958
Bullion refined.....	50,542,938.015				50,542,938.015
Secondary.....	141,044	127,603	12,466		.975
Foreign coin.....	193,254	26,586	.479	7,343	158,846
<b>Total imports.....</b>	<b>56,619,901.788</b>	<b>154,189</b>	<b>134,760.462</b>	<b>7,343</b>	<b>56,484,978.819</b>
<b>Recoveries:</b>					
Grains Receiving Division.....	140,967	38,344	56,028	18,423	22,103
Operative recoveries.....	1,380,342	51,373	73,950	284,588	1,026,474
Total recoveries.....	1,621,309	89,717	129,978	303,011	1,048,577
<b>Total primary receipts.....</b>	<b>58,139,801.478</b>	<b>47,312,458</b>	<b>558,324,990</b>	<b>542,377.177</b>	<b>56,656,895,636</b>
<b>REDEPOSITS</b>					
By Treasury and Federal Reserve banks.....	34,282,313.423				34,282,313.423
<b>Total acquisitions.....</b>	<b>92,422,114.901</b>	<b>47,312,458</b>	<b>558,324,990</b>	<b>542,377.177</b>	<b>90,939,209.109</b>
<b>INTERMINT TRANSFERS</b>					
Refined bars.....	27,450,924	27,450,924	342,559,957		133,934,749
Unrefined bars.....	476,494,706				
Ingot.....	91,637,018	91,637,018			
Proof bullion.....	200,000		100,000	100,000	
Total intermint transfers.....	595,782,648	119,087,942	342,659,957	100,000	133,934,749
Grand total fine ounces.....	93,017,897.549	166,400,400	900,984,947	542,477.177	91,073,143,858
<b>VALUE</b>					
Purchases at \$20.67+ per ounce.....	Dollars 5,179.97	Dollars 897.28	Dollars 1,045.39	Dollars 276.39	Dollars 2,739.56
Increment to \$35 per ounce.....	3,345.80	618.57	724.83	191.57	1,657.41
Purchases at \$35 per ounce.....	3,234,618,573.62	1,547,487.13	19,499,613.58	18,982,733.29	3,182,867,480.43
Domestic coin transferred (melted).....	20,146,920.27	106,929.62	39,990.66		11,721,259.19
Intermint transfers.....	20,852,392.72	4,168,077.97	11,993,098.54	3,500.00	4,687,716.21
Total value at \$35 per ounce.....	3,255,626,412.38	5,824,010.57	31,534,472.99	18,986,701.25	3,187,559,393.61
					11,721,633.96

*Deposits and purchases of silver during the fiscal year ended June 30, 1948*

[On quantity basis, see p. 37.]

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
<b>PRIMARY RECEIPTS</b>						
Domestic:						
Newly mined—mine source:						
Alaska.....	Fine ounces 42,072.99	Fine ounces 0.34	Fine ounces 1,320.03	Fine ounces 48.79	Fine ounces 36	Fine ounces 40,703.83
Arizona.....	382.50		382.14		6.74	1.89
California.....	60,535.43		60,526.80		19,541.66	
Colorado.....	19,544.48	2.82				
Georgia.....	10.77	10.77				
Idaho.....	8,733.30		2,535.08	1,067.90		
Montana.....	10,752.06		210,527.31	14,148.75		
Nevada.....	211,322.91		2,14	1.35		
New Mexico.....	8.16		591.30	6.02		
Oregon.....	3,709.44			2.03		
South Dakota.....	26,877.31			26,877.31		
Utah.....	14,678.97	19		.19		
Washington.....	60.55					
Wyoming.....	76.28	72.50				
Total newly mined unrefined.....	407,765.34	86.43	275,885.13	61,764.80		70,028.98
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.996 fine)	7,939,747.76	7,863,248.92	25,163,665.25	76,409.62		
Refined bars (0.996 fine and over)	25,230,386.84				66,721.59	89.22
Total newly mined refined.....	33,170,134.60	7,863,248.02	25,163,665.25	76,409.62	66,721.59	89.22
Total newly mined.....	33,577,809.94	7,863,335.35	25,439,550.38	138,174.42	66,721.59	70,118.20
Other domestic:						
Secondary.....	284,132.26	38,172.04	134,174.62	8,813.70	101,754.24	1,217.66
Domestic coin:						
Purchased.....	6,611.62	4,769.43	584.87	1,107.55	50.77	
Transferred from Treasury and Federal Reserve banks.....	1,852,055.80	1,230,783.06	324,488.31	206,783.53		
Unreturned silver dollars melted.....	271,124.39	106,498.56	103,384.83	61,331.00		
Total other domestic.....	2,413,924.07	1,380,133.00	562,632.63	368,125.78	101,814.01	1,217.66
Total domestic.....	35,901,824.01	9,243,469.34	26,002,183.01	506,300.20	168,535.60	71,335.86

## ADDENDA

Imports:						
Bullion unrefined .....	210,763.40	25.58	25.56	200,903.53		9,859.87
Secondary .....						.02
Total imports .....	210,788.98		25.56	200,903.53		9,859.87
Return of Lend-lease silver: Refined bullion (Belgium) .....	261,333.33				261,333.33	.02
Recoveries:						
Grains Receiving Division	165.17		77.90	50.32	28.94	5.36
Operative recoveries .....	24,358.51		11,576.04	1.03	12,098.49	658.75
Total recoveries .....	24,523.68		11,653.94	51.35	12,127.43	661.40
Total primary receipts .....	36,488,470.00		9,255,148.84	26,203,137.89	518,427.63	440,390.20
REDEPOSITS						
By Office of Defense Plants of RFC, etc. ....	84,138,303.90		4,731,763.94		51,961,008.48	27,445,531.48
Total acquisitions .....	120,626,773.90		13,986,912.78	26,203,137.89	52,479,436.11	27,885,921.68
INTERMINT TRANSFERS						
Unrefined bars .....	151,173.97			72,566.00		78,607.97
Proof bullion .....	2,098.00			50.00		2,048.00
Assay coin .....	1,051.50		1,051.50			
Total intermint transfers .....	154,323.47		1,051.50	72,616.00		80,655.97
DEPOSITED IN TRUST						
Imported bullion.	4,328,429.95		4,328,429.95			
Bullion from domestic refineries .....	1,854,167.62		1,854,167.62			
Foreign coin .....	2,239,832.37		2,239,832.37			
Total deposited in trust .....	8,422,429.94		8,422,429.94			
Grand total fine ouncees .....	129,203,527.31		22,410,394.22	26,275,753.89	52,479,436.11	27,966,577.65
VALUE						71,365.44
Cost of primary receipts .....	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Cost of bullion transferred .....	30,911,673.29	7,148,235.14	23,250,042.00	136,878.96	315,659.52	60,857.67
Subsidiary coining value of transferred domestic coin .....	102,705.27	1,453.60	61,847.96		39,403.71	
Subsidiary value of melted uncurrent dollars .....	2,560,268.27	1,701,446.60	448,575.50		410,276.17	
Monetary value (\$1.29+per fine ounce) of bullion transferred .....	374,804.75	147,100.13	142,920.10		84,784.52	
Monetary value (\$1.29+per fine ounce) of silver acquired .....	199,529.34	1,359.52	93,887.35		104,282.47	
	153,216,767.41	16,355,193.84	33,325,594.78	67,389,183.37	36,054,524.95	36,054,524.95
						92,270.47

*Deposits and purchases of gold during the calendar year 1947*

[On quantity basis, see p. 37]

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
<b>PRIMARY RECEIPTS</b>						
Domestic:						
Newly mined—mine source:						
Alaska	318,102.595					
Arizona	1,765,503					
Colorado	362,036,607					
Georgia	97,421,191	6,380	361,997.987		25,508 1,751,079 29,975	312,030.340 97,414.811
Idaho	74,660	74,660		2,707,749	14,424	8,645
Montana	22,198,033					
Nevada	44,733,124					
New Mexico	35,801,669					
Oregon	17,067,099					
South Dakota	14,051,578					
Washington	2,650,999					
Wyoming	1,401,579					
Unallocated	5,659					
	917,345.769	81,040	407,046,032	146,603,465	320,300	363,294.932
<i>Total newly mined unrefined</i>						
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.995 fine)						
Refined bars (0.995 fine and over)						
Total newly mined refined						
Total newly mined domestic						
Other domestic:						
Secondary coin:						
Purchased						
Transferred from Treasury and Federal Reserve banks						
Total other domestic						
Total domestic	1,616,069.248	44,967.563	454,313.461	568,621.687	177,802.025	370,364.512

## ADDENDA

<b>Imports:</b>				
Bullion unrefined.....	6,283,248.539		107,444.700	6,175,803.839
48,937,369.499				48,937,369.499
104,240	91,774	12,466	26,119	61,400.234
61,446.090	15,293	4,444		
Total imports.....	55,282,168.368	107,067	26,119	55,174,573.572
 Recoveries:				
Grains Receiving Division.....	137,762	33,661	26,157	21,362
Operative recoveries.....	682,162	51,373	284,588	274,968
Total recoveries.....	819,924	85,034	123,607	296,330
Total primary receipts.....	56,899,057.540	45,159.664	561,898.678	568,958.551
 <b>REDEPOSITS</b>				
By Treasury and Federal Reserve banks.....	41,099,514.447			41,099,514.447
Total acquisitions.....	97,998,571.987	45,159.664	561,898.678	568,958.551
 <b>INTERMINT TRANSFERS</b>				
Unrefined bars.....	312,605.245	260,671.003		51,934.242
91,637.018	91,637.018	100,000	100,000	10,000
210,000				
Total intermint transfers.....	404,452.263	91,637.018	260,771.003	100,000
Grand total fine ounces.....	98,403,024.250	136,796.682	822,669.681	569,058.551
 <b>VALUE</b>				
Purchases at \$20.67+ per ounce.....	Dollars 2,978.21	Dollars 1,474.35	Dollars 229.20	Dollars 983.96
Increments to \$35 per ounce.....	2,061.06	1,018.63	158.86	612.71
Purchases at \$35 per ounce.....	3,429,768.311.44	1,502,989.74	19,849.812.60	3,375,824.555.00
Domestic coin transferred (melted).....	176,670.02	75,103.73	63,318.46	12,963,097.43
Intermint transfers.....	14,155,829.24	3,207,295.63	9,126,985.14	3,500.00
Total value at \$35 per ounce.....	3,444,105.849.97	4,787,882.08	28,793,439.17	19,917,049.12
				3,377,643,780.14
				12,963,699.46

*Deposits and purchases of silver during the calendar year 1947*

[On quantity basis, see p. 37]

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
<b>PRIMARY RECEIPTS</b>						
Domestic:						
Newly mined—mine source:						
Alaska.....	49,381.27					
Arizona.....	7,156.49					
California.....	52,340.80					
Colorado.....	19,740.84	1.05				
Georgia.....	12.82	12.82				
Idaho.....	6,843.08					
Montana.....	16,267.30					
Nevada.....	145,060.13					
New Mexico.....	8.10					
Oregon.....	3,453.00					
South Dakota.....	33,144.61					
Washington.....	14,932.99					
Wyoming.....	81.62					
Unallocated.....	3.78					
Total newly mined unrefined.....	348,786.83	13.87	207,152.53	66,313.24		75,307.20
Newly mined—domestic refinery product:						
Refined bars (less than 0.996 fine)						
22,405,423.53	7,528,979.89	22,369,407.41	77,342.05			124.94
Total newly mined refined.....	30,011,870.41	7,528,979.89	22,369,407.41	77,342.05	36,016.12	
Total newly mined.....	30,360,657.24	7,528,993.76	22,576,559.93	143,655.29	36,016.12	124.94
Other domestic:						
Secondary coin:						
Purchased.....	524,017.68	48,823.65	290,856.27	7,676.37	175,330.73	1,329.96
Transferred from Treasury and Federal Reserve banks.....	6,171.31	4,119.83	504.51	1,373.87	173.10	
Incurrcent silver dollars melted.....	1,417,202.84	279,567.59	247,786.47	189,898.78	49,917.06	
Total other domestic.....	1,997,358.89	1,032,511.07	539,147.95	248,866.08	175,503.83	1,329.96
Total domestic.....	32,358,016.13	8,561,504.83	23,115,707.88	392,521.37	211,519.95	76,762.10

## ADDENDA

<b>Imports:</b>				
Bullion unrefined.....	343,905.35			
Bullion refined.....	14,999.38			
Secondary coin.....	17.45	17.45		
Foreign coin.....	51.88		51.88	
<b>Total imports.....</b>	<b>358,974.06</b>	<b>17.45</b>	<b>341,545.10</b>	<b>17,411.51</b>
 Return of lend-lease silver: Refined bullion (Belgium).....	 261,333.33			 261,333.33
 Recoveries:				
Grains Receiving Division.....	188.22	80.02	50.59	48.35
Operative recoveries.....	24,215.72	11,195.30		12,098.49
<b>Total recoveries.....</b>	<b>24,403.94</b>	<b>11,275.32</b>	<b>50.59</b>	<b>12,146.84</b>
 Total primary receipts.....	 33,002,727.46	 8,572,797.60	 23,457,303.57	 404,668.21
 <b>REDEPOSITS</b>				
By Office of Defense Plants of RFC, etc.....	102,511,634.33	11,888,062.80		44,402,464.36
<b>Total acquisitions.....</b>	<b>135,514,361.79</b>	<b>20,460,860.40</b>	<b>23,457,303.57</b>	<b>44,807,132.57</b>
 <b>INTERMINT TRANSFERS</b>				
Unrefined bars.....	102,845.91		61,467.62	41,378.29
Foot bullion.....	2,248.00		50.00	2,098.00
Assay coin.....	1,928.98	1,928.98		
<b>Total intermint transfers.....</b>	<b>107,022.89</b>	<b>1,928.98</b>	<b>61,517.62</b>	<b>43,476.29</b>
 <b>DEPOSITED IN TRUST</b>				
Imported bullion.....	549,445.39	549,445.39		
Bullion from domestic refineries.....	3,505,752.28	3,505,752.28		
Foreign coin.....	2,239,832.37	2,239,832.37		
<b>Total deposited in trust.....</b>	<b>6,295,030.04</b>	<b>6,295,030.04</b>		
<b>Grand total fine ounces.....</b>	<b>141,916,414.72</b>	<b>26,757,819.42</b>	<b>23,518,821.19</b>	<b>44,807,232.57</b>
 <b>VALUE</b>				
Cost of primary receipts.....	Dollars	Dollars	Dollars	Dollars
Cost of bullion transferred.....	28,240,107.79	6,805,199.74	20,874,505.85	141,085.51
Subsidiary coining value of transferred domestic coin.....	91,014.23	2,666.65	53,801.80	79.89
1,959,222.86			342,542.20	34,465.89
69,005.79			1,354,162.90	262,517.76
138,373.03				69,005.79
173,313,340.79			2,494.04	56,211.77
Monetary value (\$1.29+ per fine ounce) of bullion transferred.....			79,537.93	129.29
Monetary value (\$1.29+ per fine ounce) of silver acquired.....			30,085,264.49	57,622,389.22
				60,395,448.85
				99,504.13

*Deposits of foreign gold bullion and coin during the fiscal year 1948*

[On quantitative basis, see D. 37]

Country from which exported		Crude bullion	Refined bullion	Secondary	Coin	Total	Total value
		Fine ounces	Fine ounces	Fine ounces	Fine ounces	Fine ounces	Dollars
North America:							
Canada—	Mexico.	2,383.169	5,071,788.899 1,601,944.214	7,227			177,512,611.47
Central America and West Indies:							56,151,711.35
Costa Rica	844.310						29,550.85
Dominican Republic	169.177						5,921.19
El Salvador	3,528.953						123,513.36
Guatemala	31.931						1,117.58
Honduras	1,472.487		125,347				55,924.19
Panama	771.032						26,986.12
South America:							
Argentina	127,116.667	9,179,633.092					325,736,241.57
British Guiana	2,003.592						70,125.72
Colombia	723,870.884						25,335,480.94
Ecuador	1,951.358						68,297.53
French Guiana	9,638.293						337,340.26
Netherlands Guiana	304.241						10,648.43
Peru	30,497.381						1,067,408.34
Europe:							
Belgium	3,181,553.696	2,528,586.861					199,854,919.50
Czechoslovakia	3,750.198						3,750.198
France	1,019,361.526	1,691,022.318					2,710,383.844
Great Britain	479,609.875	18,254,195.509					18,733,875.578
Greece		172,520.718					172,520.718
Italy			1,473				1,473
Netherlands	281,548.247	387,812.043					669,390.290
Poland	1,121,442	61,166.182					62,287.624
Portugal	50,304.340	1,125,234.139					1,174,738.479
Sweden		2,380,969.012					2,380,969.012
Union of Soviet Socialist Republics		796,577.301					796,577.301
Africa:							
Egypt				75,561			75,561
Liberia	9,846.430				9,846.439		2,644.63
Union of South Africa	14,867.347	7,292,443.128		10,788	7,307,321.263		344,625.37
Asia and Oceania:							255,756,244.20
China	10,164						355.74
Fiji	129,342.747						4,526,996.14
New Guinea							61.63
Philippines	529.979						18,549.26
Unallocated							1,468.25
Total	6,076,629.475	50,542,923.416		141,044	193,254		1,981,696,051.62

*Deposits of foreign silver bullion and coin during the fiscal year 1948<sup>1</sup>*

[On quantity basis, see p. 37]

Country from which exported	Fine ounces	Country from which exported	Fine ounces
North America: Mexico .....	567.75	South America—Continued	
Central America and West Indies:		Netherlands Guiana.....	15.83
Costa Rica .....	411.38	Peru .....	5,680.64
Dominican Republic .....	39.50	Europe: Italy .....	.05
El Salvador .....	153,468.45	Africa: Liberia .....	155.26
Guatemala .....	2.51	Asia and Oceania:	
Honduras .....	526.13	China .....	.10
Panama .....	145.48	Fiji .....	46,237.61
South America:		Philippines .....	715.88
Argentina .....	539.10	Unalloeated .....	8.13
British Guiana .....	161.32	Total .....	210,788.98
Colombia .....	1,334.38		
Ecuador .....	225.52		
French Guiana .....	553.96		

<sup>1</sup> In addition, silver deposited in trust for use in coinage for other governments was as follows: Imported from Mexico, 4,328,429.95 fine ounces of refined bullion; imported from Ethiopia, foreign coin containing 2,239,832.37 fine ounces of silver.

*Deposits of foreign gold bullion and coin during calendar year 1947*

[On quantity basis, see p. 37]

Country from which exported	Unrefined bullion	Refined bullion	Secondary	Coin	Total	Total value
	Fine ounces	Fine ounces	Fine ounces	Fine ounces	Pine ounces	Dollars*
North America:						
Canada.....	3, 304, 009	8, 761, 227, 837 1, 262, 660, 532			25, 657	306, 642, 974, 30
Mexico.....						44, 309, 656, 93
Central America:						
Costa Rica.....	1, 690, 697					59, 174, 39
El Salvador.....	7, 780, 492					272, 317, 22
Guatemala.....	31, 831					1, 117, 59
Honduras.....	965, 208					36, 976, 94
Panama.....	302, 188					10, 576, 58
South America:						
Argentina.....	7, 005, 465	9, 101, 585, 156				318, 800, 671, 74
Colombia.....	572, 048, 717					20, 021, 705, 09
Ecuador.....	1, 969, 125					68, 919, 38
French Guiana.....	9, 966, 423					348, 824, 80
Europe:						
Belgium.....	2, 671, 557, 565	2, 492, 160, 500				5, 163, 718, 065
Czechoslovakia.....	30, 906					180, 730, 132, 28
France.....	1, 736, 978, 436	3, 132, 285, 395				1, 357, 89
Germany.....						4, 869, 264, 831
Great Britain.....	446, 568, 197	6, 575, 145, 237				170, 424, 269, 09
Italy.....						7, 021, 713, 229
Netherlands.....	381, 894, 384	3, 344, 149, 862				245, 759, 978, 35
Portugal.....	160, 435, 264	391, 134, 414				2, 146, 060, 49
Sweden.....	115, 426, 633	5, 702, 226, 098				130, 411, 548, 61
Turkey.....	64, 495, 131	64, 372, 915				5, 817, 632, 731
Union of Soviet Socialist Republics.....		796, 577, 301				128, 838, 046
Africa:						
Egypt.....						796, 577, 301
Liberia.....						27, 880, 205, 54
Portuguese West Africa.....						
Union of South Africa.....						
Oceania:						
Fiji.....	94, 688, 037					94, 688, 037
Java.....	2, 978					2, 978
Philippines.....	3, 087, 145					3, 087, 145
Unallocated.....						33, 469
Total.....	6, 283, 248, 539	48, 937, 403, 109	104, 240	61, 446, 090	55, 282, 168, 368	1, 934, 875, 892, 88

*Deposits of foreign silver bullion and coin during the calendar year 1947<sup>1</sup>*

[On quantity basis, see p. 37]

Country from which exported	Fine ounces <sup>2</sup>	Country from which exported	Fine ounces <sup>3</sup>
North America:		Europe:	
Mexico <sup>4</sup>	15,771.96	Italy <sup>5</sup>	0.05
Central America:		Turkey	1.55
Costa Rica	902.61	Africa:	
El Salvador	304,408.37	British West Africa	1.08
Guatemala	2.51	Liberia	44.52
Honduras <sup>6</sup>	304.70	Oceania:	
Panama	84.52	Fiji	32,566.44
South America:		Java	.25
Ecuador	231.34	Philippines	4,026.05
French Guiana	576.25	Mixed coin	51.88
		Total	358,974.06

<sup>1</sup> In addition, silver deposited in trust for use in coinage for other governments was as follows: Imported from Mexico—549,445.39 fine ounces of refined bullion; imported from Ethiopia—foreign coin containing 2,239,832.37 fine ounces.

<sup>2</sup> Consists of unrefined bullion except as indicated in footnotes following.

<sup>3</sup> Includes 14,999.38 ounces of refined bullion.

<sup>4</sup> Includes 17.40 ounces of secondary.

<sup>5</sup> Secondary.

*United States coinage during the calendar year 1947*

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
<b>SILVER</b>					
Half dollars—Regular	\$2,047,000.00		\$1,950,300.00	\$3,997,300.00	7,994,600
Half dollars—Commemorative: Booker T. Washington	50,008.50	\$50,008.50	50,008.50	150,025.50	300,051
Quarter dollars	5,639,000.00	1,383,000.00	3,834,600.00	10,856,600.00	43,426,400
Dimes	12,152,000.00	3,484,000.00	4,683,500.00	20,319,500.00	203,195,000
Total silver	19,888,008.50	4,917,008.50	10,518,408.50	35,323,425.50	254,916.051
<b>MINOR</b>					
Five-cent pieces (cupronickel)	4,750,000.00	1,236,000.00	1,891,100.00	7,877,100.00	157,542.000
One-cent pieces (bronze)	1,905,550.00	990,000.00	1,947,500.00	4,843,050.00	484,305.000
Total minor	6,655,550.00	2,226,000.00	3,838,600.00	12,720,150.00	641,847,000
Total domestic coinage	26,543,558.50	7,143,008.50	14,357,008.50	48,043,575.50	896,763,051

*Coinage by the United States Mints for other countries during the calendar year 1947<sup>1</sup>*

Country and denomination	Composition	Gross weight per coin	Number of pieces coined
Colombia: 5 centavos.....	75 copper-25 nickel.....	4 grams.....	23,247,000
Dominican Republic:			
50 centavos.....	900 silver-100 copper.....	192.9 grains.....	200,000
25 centavos.....	do.....	96.45 grains.....	400,000
1 centavo.....	95 copper-5 zinc and tin.....	48 grains.....	3,000,000
Total Dominican.....			3,600,000
Ecuador:			
1 sucre.....	Pure nickel.....	7 grains.....	18,000,000
20 centavos.....	75 copper-25 nickel.....	4 grams.....	30,000,000
10 centavos.....	do.....	3 grams.....	40,000,000
5 centavos.....	do.....	2 grains.....	24,112,000
Total Ecuador.....			112,112,000
El Salvador: 1 centavo.....	95 copper-5 zinc and tin.....	2.5 grams.....	5,000,000
Ethiopia:			
50 cents.....	700 silver-300 copper.....	108.5 grains.....	20,433,730
5 cents.....	95 copper-5 zinc and tin.....	62 grains.....	12,000,000
Total Ethiopia.....			32,433,730
Panama:			
1 balboa.....	900 silver-100 copper.....	412.5 grains.....	500,000
½ balboa.....	do.....	192.9 grains.....	450,000
¼ balboa.....	do.....	96.45 grains.....	700,000
1/10 balboa.....	do.....	38.58 grains.....	1,000,000
Total Panama.....			2,650,000
Philippines:			
1 peso.....	800 silver-200 copper.....	20 grams.....	100,000
50 centavos.....	750 silver-250 copper.....	10 grams.....	200,000
Total Philippines.....			300,000
Saudi Arabia:			
Disks.....	916 $\frac{2}{3}$ gold-83 $\frac{1}{3}$ copper.....	123.27+ grains.....	121,364
1 riyal.....	916 $\frac{2}{3}$ silver-83 $\frac{1}{3}$ copper.....	180 grains.....	14,212,000
½ riyal.....	do.....	90 grains.....	500,000
¼ riyal.....	do.....	45 grains.....	1,000,000
1 girsh.....	75 copper-25 nickel.....	6.5 grains.....	7,150,000
½ girsh.....	do.....	3.5 grains.....	10,550,000
¼ girsh.....	do.....	4.25 grains.....	21,500,000
Total Saudi Arabia.....			55,333,364
Venezuela:			
2 bolivares.....	835 silver-165 copper.....	10 grains.....	3,000,000
1 bolivar.....	do.....	5 grains.....	8,000,000
½ bolivar.....	do.....	2.5 grains.....	2,500,000
¼ bolivar.....	do.....	1.25 grains.....	8,000,000
12½ centimos.....	75 copper-25 nickel.....	5 grains.....	9,200,000
5 centimos.....	do.....	2.5 grains.....	12,000,000
Total Venezuela.....			42,700,000
Grand total.....			277,376,094

<sup>1</sup> Coinage for Colombia, El Salvador and Philippines executed at the San Francisco Mint; all other executed at the Philadelphia Mint.

*Coinage by United States mints for foreign governments since enabling legislation of January 29, 1874, through December 31, 1947, by year and number of pieces*

Year	Number of pieces	Year	Number of pieces
1876-77	12,000,000	1922	7,863,030
1883-84	1,950,000	1923	4,369,000
1895	4,500,000	1924	12,663,196
1896	500,000	1925	13,461,000
1898	3,346,714	1926	14,987,000
1899	006,089	1927	3,650,000
1900	320,000	1928	16,701,000
1901	225,000	1929	34,980,000
1902		1930	3,300,120
1903	21,202,844	1931	4,498,020
1904	70,640,489	1932	9,756,096
1905	36,675,526	1933	15,240,000
1906	13,321,394	1934	24,280,000
1907	45,313,047	1935	109,600,850
1908	29,645,359	1936	32,350,000
1909	11,298,931	1937	26,800,000
1910	7,153,818	1938	48,579,644
1911	7,794,406	1939	15,725,000
1912	6,244,348	1940	33,170,000
1913	7,309,258	1941	208,603,500
1914	17,335,005	1942	307,737,000
1915	55,485,190	1943	186,682,000
1916	37,441,328	1944	788,498,000
1917	25,208,497	1945	* 1,802,376,008
1918	60,102,000	1946	504,528,000
1919	100,269,195	1947	277,376,094
1920	99,002,334		
1921	55,094,352	Total	* 5,238,149,732

\* Revision.

<sup>†</sup> Total includes 67,156,381 planchets.

*Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1948*

[On quantity basis, see p. 37]

Denomination	From Treasury and Federal Reserve banks	Purchased	Total
<b>Gold:</b>			
Double eagles.....	\$52,140.00	\$280.00	\$52,420.00
Eagles.....	21,770.00	250.00	22,020.00
Half eagles.....	10,760.00	60.00	10,820.00
\$3 pieces.....	15.00	6.00	21.00
Quarter eagles.....	2,345.00	37.50	2,382.50
\$1 pieces.....	19.00	22.00	41.00
Total gold.....	87,049.00	655.50	87,704.50
Total value at \$20.67+ per ounce.....			87,471.34
<b>Silver:</b>			
Trade dollars.....		5.00	5.00
Standard dollars.....	361,789.00	451.00	362,240.00
Half dollars.....	1,171,942.00	3,568.50	1,175,510.50
Quarter dollars.....	1,012,606.00	3,998.50	1,016,604.50
20-cent pieces.....	-20		.20
Dimes.....	575,261.50	4,007.80	579,269.30
Half dimes.....	21.65	1.40	23.05
3-cent pieces.....	3.06	.42	3.48
Total silver.....	3,121,623.41	12,032.62	3,133,656.03
<b>Nickel:</b>			
5-cent pieces.....	142,354.65	9.25	142,363.90
3-cent pieces.....	2.22		2.22
1-cent pieces.....	7.77		7.77
Total nickel.....	142,364.64	9.25	142,373.89
<b>Copper:</b>			
1-cent pieces.....	3.14		3.14
½-cent pieces.....			
Total copper.....	3.14		3.14
Bronze and copper-zinc:			
2-cent pieces (bronze).....	.58		.58
1-cent pieces.....	86,555.78	310.83	86,866.61
Total bronze and copper-zinc.....	86,556.36	310.83	86,867.19
Copper-silver-manganese: 5-cent pieces.....	26,128.75		26,128.75
Zinc-coated steel: 1-cent pieces.....	52,003.91		52,003.91
Total minor.....	307,056.80	320.08	307,376.88
<b>Grand total</b> .....	3,515,729.21	13,008.20	3,528,737.41

#### SUMMARY

Metal obtained from melting the above:			<i>Weights</i>
Gold.....		fine ounces..	4,231.426
Silver:			
Uncurrent silver dollars.....		do	271,124.39
All other silver coin.....		do	1,859,718.92
Cupro-nickel.....		gross ounces	440,583.35
Bronze, copper, and copper-zinc.....		do	853,267.36
Copper-silver-manganese alloy (not recoined).....		do	82,579.63
Zinc-coated steel (not recoined).....		do	460,451.29
Monetary value of metal obtained:			<i>Value</i>
Gold (at \$35 per fine ounce).....	.		\$148,099.91
Silver (at \$1.38+ per fine ounce):			
Uncurrent silver dollars.....			374,804.76
All other silver coin.....			2,570,891.89
Cupro-nickel.....			137,039.92
Bronze, copper, and copper-zinc.....			85,326.74
Gain by recoining: Uncurrent silver dollars (net).....			13,015.77
Total.....			3,328,706.48
Loss by recoining:			
Silver (except uncirculated silver dollars).....			201,394.07
Cupro-nickel.....			5,333.97
Bronze, copper, and copper-zinc.....			1,540.45
Total.....			208,268.49

*Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1947*

[On quantity basis, see p. 37]

Denomination	From Treasury and Federal Reserve banks	Purchased	Total
<b>Gold:</b>			
Double eagles.....	\$59,620.00	\$760.00	\$60,380.00
Eagles.....	25,290.00	680.00	25,970.00
Half eagles.....	17,020.00	35.00	17,055.00
\$3 pieces.....	21.00	3.00	24.00
Quarter eagles.....	2,725.00	47.50	2,772.50
\$1 pieces.....	15.00	18.00	33.00
<b>Total gold.....</b>	<b>104,691.00</b>	<b>1,543.50</b>	<b>106,234.50</b>
<b>Total value gold at \$20.67+ per ounce.....</b>			<b>105,855.13</b>
<b>Silver:</b>			
Trade dollars.....		5.00	5.00
Standard dollars.....	66,655.00	641.00	67,296.00
Half dollars.....	822,741.00	4,234.00	826,975.00
Quarter dollars.....	831,102.00	3,793.75	834,895.75
20-cent pieces.....	.20	.20	.40
Dimes.....	463,323.50	3,802.50	467,126.00
Half dimes.....	17.40	1.70	19.10
3-cent pieces.....	11.73	.42	12.15
<b>Total silver.....</b>	<b>2,183,850.83</b>	<b>12,478.57</b>	<b>2,196,329.40</b>
<b>Nickel:</b>			
5-cent pieces.....	116,125.75	5.40	116,131.15
3-cent pieces.....	6.45		6.45
1-cent pieces.....	13.87		13.87
<b>Total nickel.....</b>	<b>116,146.07</b>	<b>5.40</b>	<b>116,151.47</b>
<b>Copper:</b>			
1-cent pieces.....	11.42		11.42
½-cent pieces.....	.02		.02
<b>Total copper.....</b>	<b>11.44</b>		<b>11.44</b>
<b>Bronze and copper-zinc:</b>			
2-cent pieces (bronze).....	5.88		5.88
1-cent pieces.....	68,742.74	160.78	68,903.52
<b>Total bronze and copper-zinc.....</b>	<b>68,748.62</b>	<b>160.78</b>	<b>68,909.40</b>
<b>Copper-silver-manganese: 5-cent pieces.....</b>	<b>17,623.40</b>		<b>17,623.40</b>
<b>Zinc-coated steel: 1-cent pieces.....</b>	<b>26,896.35</b>		<b>26,896.35</b>
<b>Total minor.....</b>	<b>229,425.88</b>	<b>166.18</b>	<b>229,592.06</b>
<b>Grand total.....</b>	<b>2,517,967.71</b>	<b>14,188.25</b>	<b>2,532,155.96</b>

#### SUMMARY

Metal obtained from melting the above:

<b>Gold.....</b>		<b>Weights</b>
Silver:		5,120.742
Uncurrent silver dollars.....	do	49,917.06
All other silver coin.....	do	1,425,353.13
Cupro-nickel.....		359,006.15
Bronze, copper, and copper-zinc.....	gross ounces	676,205.90
Copper-silver-manganese alloy (not recoined).....	do	55,903.54
Zinc-coated steel (not recoined).....	do	237,295.55

Monetary value of metal obtained:

<b>Gold (at \$35 per fine ounce).....</b>		<b>Value</b>
Silver (at \$1.38+ per fine ounce):		\$179,225.97
Uncurrent silver dollars.....		69,005.79
All other silver coin.....		1,970,420.78
Cupro-nickel.....		111,665.99
Bronze, copper, and copper-zinc.....		67,620.59

Gain by recoining: Uncurrent silver dollars (net).....

<b>Total.....</b>		<b>2,399,977.88</b>
<b>Loss by recoining:</b>		
Silver (except uncurred silver dollars).....		159,672.53
Cupro-nickel.....		4,485.48
Bronze, copper, and copper-zinc.....		1,300.25

**Total.....**

**165,458.26**

*Standard silver dollars (uncurrent) melted for recoinage into subsidiary coin<sup>1</sup>*

Fiscal year	Face amount	Fiscal year	Face amount
1943	\$8,080,739	1947	\$66,655
1944	44,658,194	1948	361,789
1945	393,881		
1946	96,455	Total	53,657,713

<sup>1</sup> The act of Dec. 18, 1942, authorized all worn and uncurrent standard silver dollars held, or thereafter received in the Treasury, to be formed into bars and used for coinage.

*Standard silver dollars (mutilated) purchased as bullion for use in the manufacture of subsidiary silver coin since 1883*

Fiscal year:	Face amount	Fiscal year—Continued	Face amount
1883-1929 <sup>1</sup>	\$221,149	1940	\$366
1930	1,329	1941	407
1931	1,193	1942	562
1932	442	1943	244
1933	513	1944	682
1934	504	1945	436
1935	649	1946	617
1936	638	1947	1,934
1937	839	1948	451
1938	607		
1939	629	Total	233,691

<sup>1</sup> For separate fiscal year data prior to 1930, see Annual Report for 1931, p. 72.

*Silver coin (including silver dollars) withdrawn from circulation for recoinage into subsidiary coin, since 1890*

Fiscal year	Face amount <sup>1</sup>	Face amount of new coin producible	Loss (net)	Fiscal year	Face amount	Face amount of new coin producible	Loss (net)
1890-1929 <sup>2</sup>	\$128,045,738	\$121,738,081	\$6,307,657	1940	\$4,530,970	\$4,140,548	\$390,422
1930	4,347,695	3,944,682	403,013	1941	4,122,939	3,774,669	348,270
1931	5,487,496	4,997,679	489,817	1942	2,767,828	2,532,102	235,726
1932	7,482,437	6,825,156	657,281	1943	10,619,576	10,588,190	31,386
1933	8,467,446	7,715,023	752,423	1944	46,363,450	47,393,898	+1,030,448
1934	7,563,736	6,948,272	615,461	1945	2,363,287	2,210,134	249,094
1935	8,828,214	8,074,032	754,182	1946	1,875,802	1,741,762	133,005
1936	7,200,195	6,587,520	612,675	1947	1,889,558	1,760,734	128,823
1937	6,026,887	5,526,508	500,379	1948	3,133,656	2,945,278	188,378
1938	5,514,687	5,038,320	476,367				
1939	4,861,773	4,434,279	427,494	Total	271,493,370	258,916,867	12,671,408

<sup>1</sup> Includes 11,111,168 standard silver dollars melted for subsidiary coin under act of Apr. 23, 1918; and 53,657,713 uncurrent standard silver dollars melted for recoinage into subsidiary coin under act of Dec. 18, 1942.

<sup>2</sup> For separate fiscal year data prior to 1930, see Annual Report for 1931, p. 72.

*Estimated stock of coin in the United States on June 30, 1948*

Item	Silver coin	Minor coin	Total coin
Stock in the United States on July 1, 1947-----	\$1,416,118,387	\$348,889,000	\$1,765,007,387
Coinage executed fiscal year 1948-----	30,727,333	10,975,450	41,702,783
Net exports of United States coin fiscal year 1948 <sup>1</sup> -----	-1,786,958	50,028	-1,736,930
Coin withdrawn from monetary use fiscal year 1948-----	3,133,656	307,377	3,441,033
Coin used in industrial arts general disappearance, etc., fiscal year 1948 <sup>2</sup> -----	100,000	1,200	101,200
Stock in the United States on June 30, 1948-----	1,445,399,022	359,505,845	1,804,904,867

<sup>1</sup> Partly estimated.<sup>2</sup> Estimated.

NOTE.—The number of standard silver dollars coined from 1878 to date was 847,620,915, which added to Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports was 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver 28,287,142; Hawaiian dollars melted to date, 455,329; the number melted under the terms of the Pittman Act of Apr. 23, 1918, 270,232,722; uncurrent melted under act of Dec. 18, 1942, 53,657,713; mutilated, etc., melted since 1883, 233,722; sold for industrial use, 315,000—a total disposition of 355,676,628, leaving in the United States on June 30, 1948, 493,100,146 standard silver dollars and 952,298,876 dollars in subsidiary silver coin.

*Estimated stock of domestic coin in the United States on Dec. 31, 1947*

Item	Silver coin	Minor coin	Total coin
Stock in the United States on Jan. 1, 1947-----	\$1,408,630,103	\$343,713,071	\$1,752,343,174
Coinage executed during year-----	35,323,426	12,720,150	48,043,576
Net exports of United States coin during year <sup>1</sup> -----	-258,358	10,000	-248,358
Coin withdrawn from monetary use during year-----	2,196,329	229,592	2,425,921
Coin used in industrial arts, general disappearance, etc. <sup>2</sup> -----	100,000	600	100,600
General revision <sup>3</sup> -----	6,686,051	1,733,782	8,419,833
Stock in the United States on Dec. 31, 1947-----	1,435,229,507	354,459,247	1,789,688,754

<sup>1</sup> Partly estimated.<sup>2</sup> Estimated.

<sup>3</sup> Includes adjustment of stock of subsidiary and minor coin for unreported disappearance such as undeclared exports, fire losses, and other general losses.

NOTE.—The number of standard silver dollars coined from 1878 to date was 847,620,915, which added to Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, total 270,232,722; uncurrent melted under act of Dec. 18, 1942, 53,295,924; those melted otherwise (mutilated, etc.) since 1883 totaled 233,470, and the number of Hawaiian dollars melted to date was 455,329; those sold for industrial use, 315,000; a total disposition of 355,314,587, leaving in the United States on Dec. 31, 1947, 493,462,187 standard silver dollars and 941,767,320 dollars in subsidiary silver coin.

*Detailed receipts of the Bureau of the Mint for the fiscal year ended June 30, 1948*

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Bullion Depository	Seattle Assay Office	Office of the Director of the Mint	Total
Miscellaneous receipts:							\$236,115.20
Charges on bullion deposits.	\$16,284.98	\$53,625.89	\$18,225.04	\$124,094.31	\$23,884.98		
Handling charges on gold purchases.	3,745.85	48,713.55	47,429.82	1,697,176.73	29,297.69		1,826,366.64
Bar charges on bullion sales.	661.40	450.40	2,036.43	20,583.22		23,741.45	
Handling charges on gold sales.	2,001.39	1,982.15	5,564.92	116,337.82		125,886.28	
Charges on special assays of bullion and ores.	102.00	5.00	10.00	100.00	192.34		409.34
Proceeds of medals sold.	7,220.67					7,220.67	
Charges on altered coins received for redemption.	605.70		1.50	13.80			621.00
Proceeds of surplus bullion recovered.	11,376.27	4,063.70	18,348.53	56,421.47	4,889.20		97,699.20
Seigniorage on subsidiary silver coinage.	10,017,304.43	2,318,457.31	6,196,309.76				18,562,071.50
Seigniorage on minor coinage.	6,583,342.13	527,598.71	1,906,133.87				9,027,074.71
Seigniorage on silver bullion, difference between cost value and monetary value.	1,318,787.89	8,072,929.34					9,391,717.23
Profit on sale of silver bullion.		353.22	412.83				706.05
Fines and penalties, all other.		2,553.92	228.96				2,782.88
Commissions on telephone pay stations in Federal buildings outside of Washington, D. C.	147.88		62.51				210.39
Unexplained balances in cash accounts.	2.00		5.00				7.00
Refund of terminal leave compensation.	636.11		142.41				778.52
Reimbursement, Government property lost or damaged.	5.53						5.53
Reimbursements, settlement of claim.	31.68			15.00			10.22
Reimbursement for jury service.	1,215.11	558.44	27.00				73.68
Sale of scrap and salvaged materials.			906.30	50.00			2,729.85
Sale of Government property, all other.	30.00			276.00	125.50		401.50
Repayments, lapsed appropriations.						35.46	65.46
Special account receipts: Increment resulting from reduction in the weight of the gold dollar.	622.04	724.83	191.57	1,799.39	163.42		3,491.25
Total	17,974,122.06	11,062,019.96	8,196,048.75	2,018,935.94	58,543.13	45.68	39,309,735.52

*Cash assets and liabilities of the United States Mint institutions on June 30, 1948*

## ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
Philadelphia Mint.....	86,976.340	\$3,044,167.68	69,979,763.57	\$68,083,697.21
San Francisco Mint.....	12,791,200.663	447,692,023.26	521,466,238.05	660,018,153.38
Denver Mint.....	163,970,794.979	5,738,977,823.83	82,537,385.67	82,119,897.16
New York Assay Office (including West Point Depository).....	138,819,055.163	4,858,666,936.32	289,387,504.18	361,920,101.59
Seattle Assay Office.....	15,697,672	549,418.42	4,944.35	4,037.89
Fort Knox Depository.....	356,669,010.306	12,483,415,360.28	-----	-----
Total.....	672,352,735.123	23,532,345,729.79	963,375,835.82	1,172,145,887.23

Institution	Silver coin	Minor coin	Paper currency
Philadelphia Mint.....	\$157,801,059.90	\$2,447,139.33	-----
San Francisco Mint.....	38,021,052.50	3,192,678.64	\$35,875.00
Denver Mint.....	20,686,401.45	704,955.36	11,800.00
New York Assay Office (including West Point Depository).....	49,720,293.75	43.46	512,810.00
Seattle Assay Office.....	-----	-----	-----
Fort Knox Depository.....	-----	-----	-----
Total.....	266,228,807.60	6,344,816.79	560,485.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
Philadelphia Mint.....	\$341,900.70	\$73,862.61	\$341,908.89	\$232,133,736.32
San Francisco Mint.....	188,734.11	23,380.00	29,773.43	1,149,201,670.32
Denver Mint.....	197,976.40	16,330.91	9,683.65	5,842,724,868.76
New York Assay Office (including West Point Depository).....	-----	-----	-----	5,270,820,185.12
Seattle Assay Office.....	-----	-----	-----	553,456.31
Fort Knox Depository.....	-----	-----	-----	12,483,415,360.28
Total.....	728,611.21	113,573.52	381,365.97	24,978,849,277.11

## LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund subsidiary	Recoinage fund minor	Total liabilities
Philadelphia Mint.....	\$231,249,419.43	\$625,000.00	\$198,351.59	\$60,965.30	\$232,133,736.32
San Francisco Mint.....	1,148,779,537.38	175,000.00	201,052.78	46,080.16	1,149,201,670.32
Denver Mint.....	5,842,386,142.90	200,000.00	43,797.96	94,927.90	5,842,724,868.76
New York Assay Office (including West Point Depository).....	5,270,820,185.12	-----	-----	-----	5,270,820,185.12
Seattle Assay Office.....	553,456.31	-----	-----	-----	553,456.31
Fort Knox Depository.....	12,483,415,360.28	-----	-----	-----	12,483,415,360.28
Total.....	24,977,204,101.42	1,000,000.00	443,202.33	201,973.36	24,978,849,277.11

*Cash assets and liabilities of the United States mint institutions on Dec. 31, 1947*

## ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
Philadelphia Mint.....	179,385.333	\$6,278,484.41	68,833,716.83	\$64,947,375.71
San Francisco Mint.....	12,264,969.283	429,273,924.92	508,532,990.21	643,627,067.60
Denver Mint.....	163,751,440.025	5,731,300,645.40	53,454,769.07	41,751,095.77
New York Assay Office (including West Point Depository).....	116,996,082.208	4,094,862,882.14	275,109,239.42	343,533,687.00
Seattle Assay Office.....	245,006.565	8,575,230.58	46,539.05	39,176.18
Fort Knox Depository.....	356,669,010.306	12,483,415,360.28		
Total.....	650,105,900.720	22,753,706,527.73	905,977,254.63	1,093,898,402.26

Institution	Silver coin	Minor coin	Paper currency
Philadelphia Mint.....	\$160,907,130.55	\$1,453,240.81	
San Francisco Mint.....	39,591,154.40	2,857,775.84	\$32,400.00
Denver Mint.....	21,157,250.95	694,355.70	24,000.00
New York Assay Office (including West Point Depository).....	50,020,650.00	8.72	1,070,428.00
Seattle Assay Office.....			
Fort Knox Depository.....			
Total.....	271,676,185.90	5,005,381.07	1,126,828.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
Philadelphia Mint.....	\$394,210.91	\$63,154.32	\$262,230.50	\$234,305,827.21
San Francisco Mint.....	79,562.43	19,367.15	104,417.82	1,115,585,670.16
Denver Mint.....	197,699.22	15,345.43	19,485.53	5,795,159,878.00
New York Assay Office (including West Point Depository).....				4,480,487,655.86
Seattle Assay Office.....				8,614,406.76
Fort Knox Depository.....				12,483,415,360.28
Total.....	671,472.56	97,866.90	386,133.85	24,126,568,798.27

## LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoining fund subsidiary	Recoining fund minor	Total liabilities
Philadelphia Mint.....	\$233,071,382.33	\$625,000.00	\$528,079.45	\$81,365.43	\$234,305,827.21
San Francisco Mint.....	1,115,354,755.74	175,000.00	19,367.15	36,547.27	1,115,585,670.16
Denver Mint.....	5,794,777,846.82	200,000.00	103,488.07	78,543.11	5,795,159,878.00
New York Assay Office (including West Point Depository).....	4,480,487,655.86				4,480,487,655.86
Seattle Assay Office.....	8,614,406.76				8,614,406.76
Fort Knox Depository.....	12,483,415,360.28				12,483,415,360.28
Total.....	24,124,721,407.79	1,000,000.00	650,934.67	196,455.81	24,126,568,798.27

*Summary of total United States exports and imports of gold and silver during the fiscal year 1948<sup>1</sup>*

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
	Dollars	Dollars	Dollars	Dollars
Ore and base bullion-----		36,195,115		22,452,765
Refined bullion-----	96,191,650	2,374,043,625	4,755,740	37,502,280
Coin:				
United States-----	2,782	940	333,650	2,124,107
Foreign-----	95,757,498	174,399,113	11,906,709	5,932,685
Grand total-----	191,951,930	2,584,638,793	16,996,099	68,011,837

<sup>1</sup> Data compiled by the U. S. Department of Commerce, Bureau of the Census, Foreign Trade Division.

*Summary of total United States exports and imports of gold and silver during the calendar year 1947<sup>1</sup>*

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
	Dollars	Dollars	Dollars	Dollars
Ore and base bullion-----	120,750	34,945,046		21,615,718
Refined bullion-----	189,104,113	1,904,557,160	21,206,271	39,243,429
Coin:				
United States-----	638	294	710,650	969,008
Foreign-----	24,015,299	140,085,906	8,731,821	6,312,188
Grand total-----	213,240,800	2,079,588,406	30,648,742	68,140,343

<sup>1</sup> Data compiled by the U. S. Department of Commerce, Bureau of the Census, Foreign Trade Division.

*Price of silver in New York 1947-48<sup>1</sup>*

Month	New York price per ounce 0.999 fine		
	Highest	Lowest	Average
1947			
January-----	Dollars 0.83750	Dollars .70750	Dollars .76500
February-----	.80250	.70750	.72329
March-----	.86250	.70875	.77310
April-----	.76000	.73750	.75653
May-----	.73750	.70750	.72512
June-----	.70750	.59750	.66810
July-----	.64750	.61750	.63568
August-----	.69750	.61750	.65850
September-----	.71375	.68750	.70589
October-----	.74500	.71375	.71608
November-----	.74625	.74625	.74625
December-----	.74625	.74625	.74625
1948			
January-----	.74625	.74625	.74625
February-----	.74625	.74625	.74625
March-----	.74625	.74625	.74625
April-----	.74625	.74625	.74625
May-----	.74625	.74625	.74625
June-----	.74625	.74625	.74625
Average calendar year 1947-----			.71832
Average government fiscal year 1948-----			.72835

<sup>1</sup> For annual prices of silver 1874-1944, see 1945 Annual Report, p. 76; and for subsequent years, see each succeeding Report.

*Price of silver in London 1947-48<sup>1</sup>*

Month	London price per ounce 0.999 fine <sup>2</sup>			Average monthly sterling exchange New York on London	United States equivalent of London price per ounce 0.999 fine at average monthly rate of exchange
	Highest	Lowest	Average		
<i>1947</i>					
January	Pence $55\frac{1}{2}$	Pence $55\frac{1}{2}$	Pence 55.50000	Dollars 4.02930	Dollars 0.93177
February	$47\frac{1}{2}$	44	44.50000	4.02740	.74675
March	52	44	47.07143	4.02734	.77310
April	46	45	45.82500	4.02743	.76899
May	$44\frac{3}{4}$	43	44.20000	4.02740	.74171
June	$43\frac{1}{2}$	37	41.34524	4.02717	.66810
July	$39\frac{3}{4}$	37	38.76136	4.02709	.65039
August	$42\frac{1}{2}$	37	39.93750	4.02732	.67017
September	$43\frac{3}{8}$	$41\frac{3}{4}$	42.77380	4.03001	.71825
October	$44\frac{1}{8}$	$41\frac{3}{4}$	43.31250	4.03100	.72747
November	$45\frac{1}{8}$	45	45.01470	4.03046	.75595
December	45	45	45.00000	4.03125	.75584
<i>1948</i>					
January	45	45	45.00000	4.03065	.75570
February	45	45	45.00000	4.03111	.75583
March	45	45	45.00000	4.03126	.75585
April	45	45	45.00000	4.03153	.75591
May	45	45	45.00000	4.03119	.75584
June	45	45	45.00000	4.03127	.75585
Average calendar year 1947			44.43679	4.02860	.74237
Average government fiscal year 1948			43.73332	4.03035	.73442

<sup>1</sup> For annual prices 1833-1943, see Annual Report for 1944, p. 88; and for subsequent years, see each succeeding Report.

<sup>2</sup> Bullion quotations in the London market changed from 0.925 fine to 0.999 fine on Jan. 2, 1945.

*Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year 1936-48<sup>1</sup>*

Fiscal year ended June 30—	Gold bullion	Silver coin and bullion <sup>2</sup>	Population	Per capita		
				Gold	Silver	Total
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>			
1936	\$10,608,417	\$1,587,007	128,413	\$82.61	\$12.36	\$94.97
1937	12,318,271	1,741,175	129,337	95.24	13.46	108.70
1938	12,962,954	1,957,704	130,085	99.65	15.05	114.70
1939	16,110,070	2,157,476	131,173	122.82	16.44	139.26
1940	19,963,091	2,302,501	132,130	151.09	17.43	168.52
1941	22,624,197	2,430,234	133,212	169.34	18.24	188.08
1942	22,736,704	2,582,735	134,474	169.08	19.21	188.29
1943	22,387,522	2,718,711	136,527	163.98	19.91	183.89
1944	21,173,066	2,748,959	138,001	153.43	19.92	173.35
1945	20,212,973	2,840,037	139,408	144.99	20.37	165.36
1946	20,269,934	3,281,637	140,987	143.77	23.28	167.05
1947	21,266,490	3,340,031	144,066	147.62	23.18	170.80
1948	23,532,460	3,400,472	146,587	160.53	23.20	183.73

<sup>1</sup> For data from 1873-1935, see Annual Report for 1944, p. 81.

<sup>2</sup> Includes silver bullion revalued to \$1.29+ per fine troy ounce and set up as security against silver certificates; does not include bullion held at cost value by the Treasury at close of each fiscal year.

## ADDENDA

63

Domestic coinage of each mint during the past 10 fiscal years—by denomination and number of pieces

Mint and denomination	1939	1940	1941	1942	.1943	1944	1945	1946	1947	1948	Total
<b>PHILADELPHIA</b>											
Silver:											
Half dollars	2,305,608	7,420,080	14,663,694	31,753,130	67,023,354	32,918,000	40,878,000	8,550,000	13,466,603	3,120,022	222,098,491
Quarter dollars	12,129,745	33,149,907	59,077,461	75,107,008	140,585,354	79,658,000	95,180,000	53,700,000	40,052,000	26,948,000	615,617,478
Dimes	31,400,021	67,340,553	114,015,402	159,180,424	251,009,254	159,430,003	244,130,000	166,910,000	225,450,000	87,700,000	1,506,565,644
Minor:											
5-cent pieces	56,988,400	151,400,300	202,871,278	158,484,400	216,594,600	161,678,000	108,748,100	140,067,000	122,272,000	98,764,000	1,417,868,078
1-cent pieces	83,035,054	356,899,800	803,295,372	1,070,230,100	279,242,800	1,119,423,670	1,577,669,000	678,664,000	849,500,000	244,135,000	7,062,094,796
Total	185,858,831	616,210,630	1,193,023,207	1,494,755,062	957,455,362	1,550,137,670	2,066,605,101	1,017,891,000	1,250,740,603	460,667,022	10,824,244,487
<b>SAN FRANCISCO</b>											
Silver:											
Half dollars	10,111	2,792,000	4,766,000	12,152,000	13,376,000	12,158,000	10,702,000	8,196,000	500,279	120,022	64,772,417
Quarter dollars	2,832,000	2,628,000	9,640,000	20,744,000	20,684,000	19,476,000	16,036,000	8,392,000	4,204,000	5,332,000	110,163,001
Dimes	8,090,000	10,540,000	28,290,000	55,930,000	53,160,000	63,530,000	45,370,000	42,470,000	16,070,000	23,630,000	341,130,000
Minor:											
5-cent pieces	4,105,000	12,530,000	48,455,000	28,780,000	89,490,000	61,510,000	17,360,000	60,579,000	22,260,000	4,620,000	349,689,000
1-cent pieces	11,790,000	64,280,000	96,810,000	147,170,000	71,170,000	418,490,000	83,160,000	135,470,000	232,300,000	118,900,000	1,379,540,000
Total	26,827,116	92,770,000	187,961,000	264,776,000	247,880,000	575,164,000	172,628,001	255,107,000	275,334,279	152,852,022	2,251,299,418
<b>DENVER</b>											
Silver:											
Half dollars	1,304,313	3,465,200	3,752,400	12,856,000	14,446,000	5,607,800	11,742,200	5,823,600	5,327,813	4,148,622	68,473,948
Quarter dollars	1,904,000	5,188,000	9,690,400	21,943,600	19,348,400	12,086,800	15,000,800	7,204,000	8,312,400	17,442,400	117,820,800
Dimes	10,536,000	19,395,000	39,380,000	59,670,000	100,471,000	24,492,000	52,151,000	57,583,500	57,947,000	33,394,000	454,939,500
Minor:											
5-cent pieces	5,376,000	11,702,000	63,902,000	38,820,000	132,498,000	30,442,000	29,519,000	41,980,000	52,438,200	20,868,000	295,047,200
1-cent pieces	23,760,000	19,360,000	101,340,000	222,070,000	389,740,000	298,488,000	242,538,000	366,385,000	113,250,000	1,900,429,000	
Total	42,880,313	59,110,200	217,464,800	355,359,600	266,763,400	453,338,600	406,901,000	355,129,100	490,410,413	159,403,022	2,836,760,448
<b>ALL MINTS</b>											
Silver:											
Half dollars	3,620,037	13,677,280	23,182,094	56,761,130	94,845,354	50,683,800	63,322,200	22,569,600	19,294,695	7,388,666	355,344,856
Quarter dollars	16,865,748	40,965,907	77,807,861	117,794,608	180,617,754	111,250,800	126,216,801	69,236,000	52,568,400	50,222,400	843,606,279
Dimes	50,026,021	97,275,543	181,685,402	274,780,424	407,640,254	244,422,000	341,651,000	266,963,500	299,467,000	144,774,000	2,305,685,144
Minor:											
5-cent pieces	66,469,400	175,632,300	315,228,278	226,084,400	306,054,600	253,630,000	155,627,100	242,826,000	196,970,200	124,252,000	2,062,604,278
1-cent pieces	118,585,054	440,538,800	1,001,445,372	1,439,470,100	482,910,800	1,918,633,670	1,959,317,000	1,056,672,000	1,448,185,000	476,285,000	10,342,063,796
Grand total pieces	255,566,260	768,090,830	1,599,349,007	2,114,890,662	1,472,098,762	2,578,640,270	2,646,134,101	1,658,127,100	2,016,455,295	802,922,066	15,912,304,353

*Domestic coinage of each mint during the past 10 fiscal years—by denomination and face value (cents rounded to nearest dollar)*

Mint and denomination	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	Total
<b>PHILADELPHIA</b>											
Silver:											
Half dollars	\$1,152,804	\$3,710,040	\$7,331,847	\$15,876,565	\$33,511,677	\$16,459,000	\$20,439,000	\$4,275,000	\$6,733,302	\$1,560,011	\$11,049,246
Quarter dollars	3,032,437	14,769,365	35,146,925	25,400,942	15,918,042	19,925,000	23,795,000	10,425,000	13,013,000	13,737,000	133,901,570
Dimes	3,140,002	6,734,054	11,401,540	15,918,925	15,643,000	24,413,000	16,691,000	22,545,000	8,770,000	150,656,564	
Minor:											
5-cent pieces	2,849,420	7,570,015	10,143,564	7,924,220	10,829,730	8,083,900	5,437,405	7,003,350	6,113,600	4,938,200	70,893,404
1-cent pieces	830,351	3,568,995	8,032,954	10,702,301	2,792,428	11,194,237	15,776,690	6,786,640	8,495,000	2,441,350	70,620,947
Total	11,005,014	29,870,584	51,679,270	69,197,880	107,081,099	71,302,137	89,861,095	48,180,990	53,899,902	24,446,561	557,124,531
<b>SAN FRANCISCO</b>											
Silver:											
Half dollars	5,058,000	1,396,000	2,383,000	6,076,000	6,683,000	6,079,000	5,351,000	4,098,000	250,139	60,011	32,386,209
Quarter dollars	708,000	657,000	2,410,000	5,186,000	5,171,000	4,859,000	4,093,000	1,051,000	1,383,000	27,542,000	
Dimes	809,000	1,054,000	2,829,000	5,316,000	5,353,000	4,537,000	4,247,000	1,007,000	2,368,000	34,716,000	
Minor:											
5-cent pieces	205,250	626,500	2,422,750	1,439,000	4,474,500	3,075,500	868,000	3,028,950	1,113,000	17,484,450	
1-cent pieces	117,900	642,800	968,100	1,471,700	71,700	4,184,900	831,600	1,354,700	2,323,000	1,189,000	13,795,400
Total	1,845,205	4,376,300	11,012,850	19,765,700	22,361,200	24,561,400	15,596,600	14,823,650	6,344,139	5,231,011	125,921,059
<b>DENVER</b>											
Silver:											
Half dollars	652,156	1,732,600	1,876,200	6,428,000	7,223,000	2,803,900	5,871,100	2,911,800	2,663,907	2,074,311	34,236,975
Quarter dollars	476,000	1,297,000	2,272,600	5,485,900	4,837,100	3,02,700	3,750,200	1,801,000	2,078,100	4,455,600	29,455,200
Dimes	1,053,600	1,939,500	3,938,000	5,967,000	10,047,100	2,446,200	5,215,100	5,758,350	5,794,700	3,359,400	45,498,950
Minor:											
5-cent pieces	268,800	585,100	3,195,100	1,941,000	1,522,100	1,475,950	2,099,000	2,021,910	1,043,400	14,752,360	
1-cent pieces	237,600	193,600	1,013,400	2,220,700	1,324,980	3,807,400	2,984,880	2,425,380	3,663,850	1,132,500	19,004,290
Total	2,688,156	5,747,800	12,295,300	22,042,600	23,432,180	13,601,300	19,297,230	14,995,530	16,822,467	12,025,211	142,947,775
<b>ALL MINTS</b>											
Silver:											
Half dollars	1,810,018	6,838,610	11,591,047	23,380,565	47,422,677	25,341,900	31,661,100	11,281,800	9,647,348	3,694,333	177,672,429
Quarter dollars	4,216,437	10,241,477	19,451,945	29,448,652	45,154,439	27,812,700	31,554,200	17,324,000	13,142,100	12,555,600	210,901,570
Dimes	5,002,602	9,727,554	18,168,540	27,478,042	40,761,025	24,442,200	34,165,100	26,696,350	29,046,700	14,477,400	230,868,514
Minor:											
5-cent pieces	3,323,470	8,781,615	15,761,414	11,304,230	15,304,231	12,681,500	7,781,355	12,131,300	9,848,510	6,212,600	103,130,214
1-cent pieces	1,185,851	4,405,398	10,014,454	14,394,701	4,829,108	19,186,537	19,593,170	10,566,720	14,481,850	4,762,850	103,420,648
Grand total amount	15,538,378	39,994,684	74,987,420	111,006,181	153,474,480	109,464,837	124,754,925	78,003,170	77,066,508	41,702,783	825,993,375

# DOMESTIC COIN MANUFACTURED BY MINTS OF THE UNITED STATES FROM THE ORGANI- ZATION THROUGH DECEMBER 31, 1947, INCLUSIVE

## INTRODUCTION

The act of Congress dated April 2, 1792, provided for gold, silver and copper coinage, and also created the first United States mint in the city of Philadelphia, then the Nation's Capital. President Washington placed the operation of the mint under supervision of the Secretary of State, where it remained until 1799, when it became an independent agency reporting directly to the President. Subsequent legislation set up branch mints and assay offices in various parts of the country, and fixed public depository functions under such establishments. The Coinage Act of 1873 established the Bureau of the Mint in the Treasury Department, and placed all mint service activities under the control of the Director of the Mint in Washington, D. C.

The locations of the mints and the marks by which their respective coins are distinguished are as follows:

Philadelphia, Pa-----	No mint mark
*New Orleans, La-----	O
*Charlotte, N. C-----	C
*Dahlonega, Ga-----	D
San Francisco, Calif-----	S
*Carson City, Nev-----	CC
Denver, Colo-----	D

\*No longer in operation.

The coinage information contained herein includes the data listed in the table of contents following. The registry of annual coinage now accurately represents the year of actual date on the coins. During the early years the deliveries from the manufacturing department to the issuing division were not always completed within the year of the date on the coins.

## CONTENTS

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	<i>Page</i>
Table 1. Authority for United States coinage, by class and denomination, with standard weight and fineness, and total coined-----	67
Table 2. Total coinage of the United States, by class and calendar year-----	71
Table 3. Gold coinage of the United States, by denomination and calendar year-----	73
Table 4. Silver coinage of the United States, by denomination and calendar year-----	75
Table 5. Minor coinage of the United States, by denomination and calendar year-----	77
Table 6. Coinage of the Philadelphia Mint, by class and calendar year-----	79
Table 7. Gold coinage of the Philadelphia Mint, by denomination and calendar year-----	81
Table 8. Silver coinage of the Philadelphia Mint, by denomination and calendar year-----	83
Table 9. Minor coinage of the Philadelphia Mint, by denomination and calendar year-----	85
Table 10. Coinage of the San Francisco Mint, by class and calendar year-----	87
Table 11. Gold coinage of the San Francisco Mint, by denomination and calendar year-----	89
Table 12. Silver coinage of the San Francisco Mint, by denomination and calendar year-----	90
Table 13. Minor coinage of the San Francisco Mint, by denomination and calendar year-----	91
Table 14. Coinage of the Denver Mint, by class, denomination, and calen- dar year-----	92
Table 15. Coinage of the New Orleans Mint, by class, denomination, and calendar year-----	94
Table 16. Coinage of the Carson City Mint, by class, denomination, and calendar year-----	96
Table 17. Coinage of the Charlotte, N. C., Mint, by class, denomination, and calendar year-----	97
Table 18. Coinage of the Dahlonega, Ga., Mint, by class, denomination, and calendar year-----	97
Table 19. Commemorative coinage by name, denomination, number coined, mint, and calendar year-----	98

TABLE 1.—*Authority for United States coinage, by class and denomination, with standard weight and fineness, and total coined*

GOLD COINAGE<sup>1</sup>

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to 1933 (May 19)	
50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal-----	Jan. 16, 1915	Grains	Thou-sandths	Pieces	Face amount
Round-----	do	1,290	900	1,509	\$75,450.00
Double eagle (\$20)-----	Mar. 3, 1849	516	900	1,510	75,500.00
Do-----	Feb. 12, 1873	516	900		
Eagle (\$10)-----	Apr. 2, 1792	270	916 $\frac{2}{3}$	174,105,606	3,482,112,120.00
Do-----	June 28, 1834	258	899.225		
Do-----	Jan. 18, 1837	258	900	57,683,485	576,834,850.00
Do-----	Feb. 12, 1873	258	900		
Half eagle (\$5)-----	Apr. 2, 1792	135	916 $\frac{2}{3}$		
Do-----	June 28, 1834	129	899.225		
Do-----	Jan. 18, 1837	129	900	78,911,869	394,559,345.00
Quarter eagle (\$2.50) <sup>2</sup> -----	Apr. 2, 1792	67.5	916 $\frac{2}{3}$		
Do <sup>2</sup> -----	June 28, 1834	64.5	899.225		
Do <sup>2</sup> -----	Jan. 18, 1837	64.5	900	20,216,590	50,541,475.00
Do <sup>2</sup> -----	Feb. 12, 1873	64.5	900		
Quarter eagle (\$2.50), commemorative:					
Panama-Pacific International Exposition-----	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition-----	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars <sup>3</sup> -----	{ Feb. 21, 1853	77.4	900	539,792	1,619,376.00
1 dollar <sup>4</sup> -----	{ Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition-----	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition-----	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition-----	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial-----	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial-----	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold-----				351,545,358	4,526,218,477.50

<sup>1</sup> Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:

"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States \* \* \*. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

<sup>2</sup> Discontinued by act of Apr. 11, 1930.

<sup>3</sup> Discontinued by act of Sept. 26, 1890.

TABLE 1.—*Authority for United States coinage, by class and denomination, with standard weight and fineness, and total coined—Continued*

## SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1947	
Dollar <sup>1,2</sup>			Grains	Thou-sands	
Do. <sup>1,2</sup>	Apr. 2, 1792	416	892.4+		
Do. <sup>2</sup>	Jan. 18, 1837	412½	900		
Do. <sup>2</sup>	Feb. 28, 1878	412½	900		
Do. <sup>2</sup>	July 14, 1890	412½	900	855, 611, 127	<sup>2</sup> \$855,611,127.00
Do. <sup>2</sup>	Mar. 3, 1891	412½	900		
Do. <sup>2</sup>	Apr. 23, 1918	412½	900		
Trade dollar <sup>3,4</sup>	Feb. 12, 1873	420	900	35, 965, 924	35, 965, 924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50, 026	50, 026.00
Half dollar	Apr. 2, 1792	208	892.4+		
Do.	Jan. 18, 1837	206½	900		
Do.	Feb. 21, 1853	192	900	867, 181, 612	433, 590, 806.00
Do.	Feb. 12, 1873	192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5, 002, 105	2, 501, 052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60, 030	30, 015.00
Illinois Centennial	June 1, 1918	192.9	900	100, 058	50, 029.00
Maine Centennial	May 10, 1920	192.9	900	50, 028	25, 014.00
Landing of Pilgrims, Tercentennial	May 12, 1920	192.9	900	300, 165	150, 082.50
Alabama Centennial	May 10, 1920	192.9	900	70, 044	35, 022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50, 028	25, 014.00
Grant	Feb. 2, 1922	192.9	900	100, 061	50, 030.50
Monroc Doctrine Centennial	Jan. 24, 1923	192.9	900	274, 077	137, 038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142, 080	71, 040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2, 314, 709	1, 157, 354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162, 059	81, 049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150, 200	75, 100.00
Fort Vancouver	do	192.9	900	50, 028	25, 014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1, 000, 528	500, 264.00
Battle of Bennington	Feb. 24, 1925	192.9	900	40, 034	20, 017.00
Oregon Trail	May 17, 1926	192.9	900	264, 419	132, 209.50
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10, 008	5, 004.00
Texas Centennial	June 15, 1933	192.9	900	304, 193	152, 096.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	108, 603	54, 301.50
Maryland Tercentennial	May 9, 1934	192.9	900	25, 015	12, 507.50
Arkansas Centennial	May 14, 1934	192.9	900	120, 166	60, 083.00
Connecticut Tercentennial	June 21, 1934	192.9	900	25, 018	12, 509.00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10, 008	5, 004.00
Providence, R. I., Tercentennial	do	192.9	900	50, 034	25, 017.00
California-Pacific Exposition	May 3, 1935	192.9	900	430, 224	215, 112.00
Old Spanish Trail	June 5, 1935	192.9	900	10, 008	5, 004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	25, 023	12, 511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15, 016	7, 508.00

<sup>1</sup> Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.<sup>2</sup> See following:

## Silver-dollar coinage:

Act Apr. 2, 1792:					
From 1792 to 1805				\$1, 439, 517	
During 1836				1, 000	\$1, 440, 517
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873				6, 590, 721	
Act Feb. 28, 1878 (Bland-Allison Act)				378, 166, 793	
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof Oct. 31, 1893				\$36, 087, 285	
Act Nov. 1, 1893, to June 12, 1898				42, 139, 872	
Act June 13, 1898, war revenue bill				108, 800, 188	
Act Mar. 3, 1887 and 1891, trade-dollar conversion				187, 027, 345	
Act Apr. 23, 1918, Pittman Act replacement:				5, 078, 472	
Old design, since Feb. 21, 1921				\$86, 730, 000	
Peace dollar, since Dec. 21, 1921				183, 502, 722	
Act May 12, 1933 (sec. 43), Executive proclamation, Dec. 21, 1933				270, 232, 722	
Act June 19, 1934 (sec. 7), Executive proclamation, Aug. 9, 1934				7, 021, 528	
Total				53, 029	

<sup>3</sup> Coinage limited to export demand by joint resolution July 22, 1876. Redeemed \$7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and \$2,889,011 subsidiary silver coin.<sup>4</sup> Discontinued by act of Mar. 3, 1887.

1 1/2 grains, or 192.9 grains.

TABLE 1.—*Authority for United States coinage, by class denomination, with standard weight and fineness, and total coined—Continued*

## SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1946	
		Grains	Thousands	Pieces	Face amount
Half dollar, commemorative—Con. Long Island, N. Y., Tercenten- nial	Apr. 13, 1936	192.9	900	100,053	\$50,026.50
Great Lakes Exposition—Cleve- land, Ohio, Centennial	May 5, 1936	192.9	900	50,030	25,015.00
New Rochelle, N. Y., two hun- dred and fiftieth anniversary	do	192.9	900	25,015	12,507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25,015	12,507.50
Wisconsin Centennial	do	192.9	900	25,015	12,507.50
Swedes' landing in Delaware, Tercentennial	do	192.9	900	25,015	12,507.50
Lynchburg, Va., Sesquicenten- nial	May 28, 1936	192.9	900	20,013	10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill. Centennial	do	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy- fifth anniversary	do	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three- hundred and fiftieth anniver- sary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco - Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercen- tennial	do	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	12,506.50
Iowa Centennial	Aug. 7, 1946	192.9	900	100,057	50,028.50
Booker T. Washington	do	192.9	900	2,000,989	1,000,494.50
Quarter dollar	Apr. 2, 1792	104	892.4	1,654,378,669	413,594,667.25
Do	Jan. 18, 1837	103 $\frac{1}{4}$	900		
Do	Feb. 21, 1853	96	900		
Do	Feb. 12, 1873	96.45	900		
Quarter dollar, commemorative: Co- lumbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents <sup>7</sup>	Mar. 3, 1875	77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4	3,988,388,945	398,838,894.50
Do	Jan. 18, 1837	41 $\frac{1}{4}$	900		
Do	Feb. 21, 1853	38.4	900		
Do	Feb. 12, 1873	38.58	900		
Half dime <sup>10</sup>	Apr. 2, 1792	20.8	892.4	97,604,388	4,880,219.40
Do <sup>10</sup>	Jan. 18, 1837	20 $\frac{5}{8}$	900		
Do <sup>10</sup>	Feb. 21, 1853	19.2	900		
3 cents <sup>10</sup>	Mar. 3, 1851	12 $\frac{3}{4}$	750		
Do <sup>10</sup>	Mar. 3, 1853	11.52	900	42,736.240	1,282,087.20
Total silver				7,557,297,362	2,151,087,461.10

<sup>6</sup> 6 $\frac{1}{4}$  grams, or 96.45 grains.<sup>7</sup> Discontinued by act of May 2, 1878.<sup>8</sup> 5 grams, or 77.16 grains.<sup>9</sup> 21 $\frac{1}{4}$  grams, or 38.58 grains.<sup>10</sup> Discontinued by act of Feb. 12, 1873.

TABLE 1. *Authority for United States coinage, by class and denomination, with standard weight and fineness, and total coined—Continued*

## MINOR COINAGE

Denomination	Authorizing act	Standard weight	Standard composition <sup>1</sup>	Total coined to Dec. 31, 1947	
		Grains		Pieces	Face amount
5 cents (nickel).....	May 16, 1866				
Do.....	Feb. 12, 1873	77.16		3,103,966,532	\$155,198,326.60
5 cents (silver).....	( <sup>2</sup> )	77.16		869,923,700	43,496,185.00
3 cents (nickel) <sup>3</sup> .....	Mar. 3, 1865			31,378,316	941,349.48
Do <sup>3</sup> .....	Feb. 12, 1873	30			
2 cents (bronze) <sup>4</sup> .....	Apr. 22, 1864	96		45,601,000	912,020.00
Cent (copper).....	Apr. 2, 1792	264			
Do.....	Jan. 14, 1793	208			
Do.....	Jan. 26, 1796	186		156,288,744	1,562,887.44
Do <sup>5</sup> .....	Jan. 18, 1837	168			
Cent (nickel) <sup>7</sup> .....	Feb. 21, 1857	72		200,772,000	2,007,720.00
Cent (bronze).....	Apr. 22, 1864			11,018,921,098	110,189,210.98
Do.....	Feb. 12, 1873	48			
Cent (zinc-steel).....	( <sup>8</sup> )	41.5			
Do.....	( <sup>8</sup> )	42.5		1,093,838,670	10,938,386.70
Cent (copper-zinc).....	( <sup>9</sup> )	48		5,102,736,000	51,027,360.00
Half cent (copper).....	Apr. 2, 1792	132			
Do.....	Jan. 14, 1793	104			
Do.....	Jan. 25, 1796	84		7,981,822	39,909.11
Do <sup>6</sup> .....	Jan. 18, 1837	84			
Total minor.....				21,631,407,882	376,313,355.31
Grand total gold, silver, and minor.....				29,540,250,602	7,053,619,293.91

<sup>1</sup> Composition—percent:

5 and 3 cents (nickel)—copper, 75; nickel, 25.

5 cents (silver)—copper, 56; silver, 35; manganese, 9.

2 and 1 cent (bronze)—copper, 95; tin and zinc, 5.

1 and  $\frac{1}{2}$  cent (copper)—pure copper.

1 cent (nickel)—copper, 88; nickel, 12.

1 cent (zinc-steel)—steel, with obverse and reverse sides covered with a coating of not to exceed 0.001 inch zinc.

1 cent (copper-zinc)—copper 95; zinc 5.

<sup>2</sup> 5 cents (silver) coined, under provisions of act of Mar. 27, 1942, as amended by act of Dec. 28, 1945, from Oct. 1, 1942, until expiration of authority Dec. 31, 1945.<sup>3</sup> 3-cents (nickel) discontinued by act of Sept. 26, 1890.<sup>4</sup> 2-cents (bronze) discontinued by act of Feb. 12, 1873.<sup>5</sup> Proclamation of the President in conformity with act of Mar. 3, 1795.<sup>6</sup> Copper cent and half cent discontinued by act of Feb. 21, 1857.<sup>7</sup> Nickel cent discontinued by act of Apr. 22, 1864.<sup>8</sup> Zinc-steel cent coined, by orders of Secretary of the Treasury dated Dec. 23, 1942, and May 15, 1943, pursuant to act of Dec. 18, 1942, during calendar year 1943.<sup>9</sup> Copper-zinc cent coined, by order of Secretary of the Treasury of Dec. 16, 1943, pursuant to act of Dec. 18, 1942, from Jan. 1944 until expiration of authority Dec. 31, 1946.

TABLE 2.—*Total coinage of the United States, by class and calendar year*

Calendar year	Gold	Silver	Minor	Total value
1793-95	\$71,485.00	\$370,683.80	\$11,373.00	\$453,541.80
1796	77,960.00	77,118.50	10,324.40	165,402.90
1797	128,190.00	14,550.45	9,510.34	152,250.79
1798	205,610.00	330,291.00	9,797.00	545,698.00
1799	213,285.00	423,515.00	9,106.68	645,906.68
1800	317,760.00	224,296.00	29,279.40	571,335.40
1801	422,570.00	74,758.00	13,628.37	510,956.37
1802	423,310.00	58,343.00	34,422.83	516,075.83
1803	258,377.50	87,118.00	25,203.03	370,698.53
1804	258,642.50	100,340.50	12,844.94	371,827.94
1805	170,367.50	149,388.50	13,483.48	333,239.48
1806	324,505.00	471,319.00	5,260.00	801,084.00
1807	437,495.00	597,448.75	9,652.21	1,044,595.96
1808	284,665.00	684,300.00	13,090.00	982,055.00
1809	169,375.00	707,376.00	8,001.53	884,752.53
1810	501,435.00	638,773.50	15,660.00	1,155,868.50
1811	497,905.00	608,340.00	2,495.95	1,108,740.95
1812	290,435.00	814,029.50	10,755.00	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,102,271.50
1814	77,270.00	561,687.50	3,578.30	642,535.80
1815	3,175.00	17,308.00		20,483.00
1816		28,575.75	28,209.82	56,785.57
1817		607,783.50	39,484.00	647,267.50
1818	242,940.00	1,070,454.50	31,670.00	1,345,064.50
1819	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820	1,319,030.00	501,680.70	44,075.50	1,864,786.20
1821	189,325.00	825,762.45	3,890.00	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	915,509.89
1823	72,425.00	895,550.00		967,975.00
1824	93,200.00	1,752,477.00	12,620.00	1,858,297.00
1825	156,385.00	1,564,583.00	14,926.00	1,735,894.00
1826	92,245.00	2,002,090.00	16,344.25	2,110,679.25
1827	131,565.00	2,869,200.00	23,577.32	3,024,342.32
1828	140,145.00	1,575,600.00	25,636.24	1,741,381.24
1829	295,717.50	1,994,578.00	16,580.00	2,306,875.50
1830	643,105.00	2,495,400.00	17,115.00	3,155,620.00
1831	714,270.00	3,175,600.00	33,603.60	3,923,473.60
1832	798,435.00	2,579,000.00	23,620.00	3,401,055.00
1833	978,550.00	2,759,000.00	28,160.00	3,765,710.00
1834	3,954,270.00	3,415,002.00	19,151.00	7,388,423.00
1835	2,186,175.00	3,443,003.00	39,489.00	5,668,667.00
1836	4,135,700.00	3,606,100.00	23,100.00	7,764,900.00
1837	1,148,305.00	2,096,010.00	55,583.00	3,299,898.00
1838	1,809,765.00	2,333,243.40	63,702.00	4,206,710.40
1839	1,376,847.50	2,209,778.20	31,286.61	3,617,912.31
1840	1,675,482.50	1,726,703.00	24,627.00	3,426,812.50
1841	1,091,857.50	1,132,750.00	15,973.67	2,240,581.17
1842	1,829,407.50	2,332,750.00	23,833.90	4,185,991.40
1843	8,108,797.50	3,834,750.00	24,283.20	11,967,830.70
1844	5,427,670.00	2,235,550.00	23,987.52	7,687,207.52
1845	3,756,447.50	1,873,200.00	38,948.04	5,668,595.50
1846	4,034,177.50	2,558,580.00	41,208.00	6,633,965.54
1847	20,202,325.00	2,374,450.00	61,836.69	22,638,611.69
1848	3,775,512.50	2,040,050.00	64,157.99	5,879,720.49
1849	9,007,761.50	2,114,950.00	41,984.32	11,164,695.82
1850	31,981,738.50	1,866,100.00	44,467.50	33,892,306.00
1851	62,614,492.50	774,397.00	99,635.43	63,488,524.93
1852	56,846,187.50	999,410.00	50,630.94	57,896,228.44
1853	39,377,909.00	9,077,571.00	67,059.78	48,522,539.78
1854	25,915,962.50	8,619,270.00	42,638.35	34,577,870.85
1855	29,387,968.00	3,501,245.00	16,030.79	32,905,243.79
1856	36,857,768.50	5,142,240.00	27,106.78	42,027,115.28
1857	32,214,040.00	5,478,760.00	178,010.46	37,870,810.46
1858	22,938,413.50	8,495,370.00	246,000.00	31,679,783.50
1859	14,780,570.00	3,284,450.00	364,000.00	18,429,020.00
1860	23,473,654.00	2,259,390.00	205,660.00	25,938,704.00
1861	83,395,530.00	3,783,740.00	101,000.00	87,280,270.00
1862	20,875,997.50	1,252,516.50	280,750.00	22,409,264.00
1863	22,445,482.00	809,267.80	498,400.00	23,753,149.80
1864	20,081,415.00	609,917.10	926,687.14	21,618,019.24
1865	28,295,107.50	691,005.00	968,552.86	29,954,665.36
1866	31,435,945.00	982,409.25	1,042,960.00	33,461,314.25
1867	23,828,625.00	908,876.25	1,819,910.00	26,557,411.25
1868	19,371,387.50	1,074,343.00	1,697,150.00	22,142,880.50
1869	17,582,987.50	1,266,143.00	963,000.00	19,812,130.50
1870	23,198,787.50	1,378,255.50	350,325.00	24,927,368.00
1871	21,032,685.00	3,104,038.30	99,890.00	24,236,613.30
1872	21,812,645.00	2,504,488.50	369,380.00	24,686,513.50
1873	57,022,747.50	4,024,747.60	379,455.00	61,426,950.10
Total, 1793-1873	.852,114,437.50	147,489,898.30	12,090,443.55	1,011,694,779.35

TABLE 2.—*Total coinage of the United States, by class and calendar year—Continued.*

Calendar year	Gold	Silver	Minor	Total value
1874	\$35,254,630.00	\$6,851,776.70	\$342,475.00	\$42,448,881.70
1875	32,951,940.00	15,347,893.00	246,970.00	48,546,803.00
1876	46,579,452.50	24,503,307.50	210,800.00	71,293,560.00
1877	43,999,864.00	28,393,045.50	8,525.00	72,401,434.50
1878	49,786,052.00	28,518,850.00	58,186.50	78,363,088.50
1879	39,080,080.00	27,569,776.00	165,003.00	66,814,859.00
1880	62,308,279.00	27,411,693.75	391,395.95	90,111,368.70
1881	96,850,890.00	27,940,163.75	428,151.75	125,219,205.50
1882	65,887,685.00	27,973,132.00	960,400.00	94,821,217.00
1883	29,241,990.00	29,246,968.45	1,604,770.41	60,093,728.86
1884	23,991,756.50	28,534,866.15	796,483.78	53,323,106.43
1885	27,773,012.50	28,962,176.20	191,622.04	56,926,810.74
1886	28,945,542.00	32,086,709.90	343,186.10	61,375,438.00
1887	23,972,383.00	35,191,081.40	1,215,686.26	60,379,150.66
1888	31,380,808.00	33,025,606.45	912,200.78	65,318,615.23
1889	21,413,931.00	35,496,683.15	1,283,408.49	58,194,022.64
1890	20,467,182.50	39,202,908.20	1,384,792.14	61,054,882.84
1891	29,222,005.00	27,518,856.60	1,312,441.00	58,053,302.60
1892	34,787,222.50	12,641,078.00	961,480.42	48,389,780.92
1893	56,997,020.00	8,802,803.05	1,134,931.70	66,934,754.75
1894	79,546,160.00	9,200,350.85	438,177.92	89,184,688.77
1895	59,616,357.50	5,698,010.25	882,430.56	66,196,798.31
1896	47,053,060.00	23,089,899.05	832,718.93	70,975,677.98
1897	76,028,485.00	18,487,297.30	1,526,100.05	96,041,882.35
1898	77,985,757.50	23,034,033.45	1,124,835.14	102,144,626.09
1899	111,344,220.00	26,061,519.90	1,837,451.86	139,243,191.76
1900	99,272,942.50	36,345,347.45	2,031,137.39	137,649,427.34
1901	101,735,187.50	30,838,460.75	2,120,122.08	134,693,770.33
1902	47,184,932.50	30,028,167.20	2,447,796.17	79,660,895.87
1903	43,683,970.50	19,874,440.00	2,251,281.18	65,809,691.68
1904	233,402,428.00	15,695,609.95	1,683,529.35	250,781,567.30
1905	49,638,441.00	6,332,180.90	2,298,555.43	58,269,177.33
1906	78,793,045.00	10,651,027.85	2,890,908.80	92,334,981.65
1907	131,907,490.00	13,178,435.75	3,042,126.18	148,128,051.93
1908	131,638,632.50	12,391,777.25	1,468,738.72	145,499,148.47
1909	88,776,907.50	8,087,852.50	1,756,388.93	98,621,148.93
1910	104,723,735.00	3,744,468.35	3,036,929.83	111,505,133.18
1911	56,176,822.50	6,457,301.55	3,156,726.47	65,790,850.52
1912	17,498,522.50	7,340,995.00	2,577,386.30	27,416,903.80
1913	25,433,377.50	3,184,228.95	4,667,335.47	33,284,941.92
1914	53,457,817.50	6,083,823.00	2,208,071.22	61,749,711.72
1915	23,968,401.50	4,114,097.50	2,062,839.70	30,145,338.70
1916	18,525,026.00	8,880,800.00	6,337,550.07	33,743,376.07
1917	10,014.00	29,412,300.00	6,118,089.30	35,540,403.30
1918		25,473,029.00	5,972,662.04	31,445,691.04
1919		11,068,400.00	9,709,100.00	20,777,500.00
1920	16,990,000.00	25,057,270.00	8,166,650.00	50,213,920.00
1921	10,570,000.00	89,057,535.50	1,155,310.00	100,782,845.50
1922	80,680,016.00	84,325,030.50	71,600.00	185,076,646.50
1923	45,365,000.00	66,283,038.50	2,927,080.00	114,575,118.50
1924	206,010,000.00	21,627,040.00	2,309,690.00	220,946,730.00
1925	192,380,000.00	19,874,218.00	4,202,645.00	216,456,863.00
1926	78,540,565.00	19,825,606.50	4,461,630.00	102,828,001.50
1927	125,645,000.00	11,286,217.00	4,215,910.00	141,147,127.00
1928	177,360,000.00	8,748,667.00	3,664,670.00	189,773,337.00
1929	40,235,000.00	8,590,500.00	5,399,900.00	54,225,400.00
1930	2,440,000.00	2,658,300.00	3,632,210.00	8,730,510.00
1931	69,895,000.00	621,000.00	307,420.00	61,823,420.00
1932	66,665,000.00	1,562,200.00	195,620.00	68,422,820.00
1933	12,035,000.00	895,625.00	205,600.00	13,136,225.00
1934		22,091,840.50	3,859,910.15	25,951,750.05
1935		31,237,223.50	7,343,700.00	38,580,923.50
1936		34,656,954.75	11,731,146.69	46,388,101.44
1937		22,035,561.60	9,088,431.65	31,123,993.25
1938		8,998,493.05	3,719,685.59	12,718,178.64
1939		27,913,497.85	10,375,671.95	38,289,169.80
1940		29,359,833.70	20,798,016.62	50,157,850.32
1941		76,120,483.45	26,089,027.00	102,209,510.45
1942		102,054,773.65	17,229,026.00	119,283,799.65
1943		105,772,800.00	30,464,336.70	136,237,136.70
1944		90,781,100.00	30,142,330.00	120,923,430.00
1945		75,871,300.25	25,260,785.00	101,132,085.25
1946		60,994,597.50	26,052,860.00	87,047,457.50
1947		35,323,425.50	12,720,150.00	48,043,575.50
Total 1874-1947	3,674,101,040.00	2,003,597,562.80	361,222,911.76	6,041,924,514.56
Grand total	4,526,218,477.50	2,151,087,461.10	376,313,355.31	7,053,619,293.91

TABLE 3.—*Gold coinage of the United States, by denomination and calendar year<sup>1</sup>*

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793-95			\$27, 950	\$43, 535			
1796			60, 800	16, 995		\$165. 00	
1797			91, 770	32, 030		4, 390. 00	
1798			79, 740	124, 335		1, 535. 00	
1799			174, 830	37, 255		1, 200. 00	
1800			259, 650	58, 110			
1801			292, 540	130, 030		6, 530. 00	
1802			150, 900	265, 880			
1803			89, 790	167, 530		1, 057. 50	
1804			97, 950	152, 375		8, 317. 50	
1805				165, 915		4, 452. 50	
1806				320, 465		4, 040. 00	
1807				420, 465		17, 030. 00	
1808				277, 890		6, 775. 00	
1809				169, 375			
1810				501, 435			
1811				497, 905			
1812				290, 435			
1813				477, 140			
1814				77, 270			
1815				3, 175			
1816							
1817							
1818				242, 940			
1819				258, 615			
1820				1, 319, 030			
1821				173, 205		16, 120. 00	
1822				88, 980			
1823				72, 425			
1824				86, 700		6, 500. 00	
1825				145, 300		11, 085. 00	
1826				90, 345		1, 900. 00	
1827				124, 565		7, 000. 00	
1828				140, 145			
1829				287, 210		8, 507. 50	
1830				631, 755		11, 350. 00	
1831				702, 970		11, 300. 00	
1832				787, 435		11, 000. 00	
1833				968, 150		10, 400. 00	
1834				3, 660, 845		293, 425. 00	
1835				1, 857, 670		328, 505. 00	
1836				2, 765, 735		1, 369, 965. 00	
1837				1, 035, 605		112, 700. 00	
1838			72, 000	1, 600, 420		137, 345. 00	
1839			382, 480	802, 745		191, 622. 50	
1840			473, 380	1, 048, 530		153, 572. 50	
1841			656, 310	380, 945		54, 602. 50	
1842			1, 089, 070	655, 330		85, 007. 50	
1843			2, 506, 240	4, 275, 425		1, 327, 132. 50	
1844			1, 250, 610	4, 087, 715		89, 345. 00	
1845			736, 530	2, 743, 640		276, 277. 50	
1846			1, 018, 750	2, 736, 155		279, 272. 50	
1847			14, 337, 580	5, 382, 685		482, 060. 00	
1848			1, 813, 340	1, 863, 560		98, 612. 50	
1849			6, 775, 180	1, 184, 645		111, 147. 50	\$936, 789
1850		\$26, 225, 220	3, 489, 510	860, 160		895, 547. 50	511, 301
1851		48, 043, 100	4, 393, 280	2, 651, 955		3, 867, 337. 50	3, 658, 820
1852		44, 860, 520	2, 811, 060	3, 689, 635		3, 283, 327. 50	2, 201, 145
1853		26, 646, 520	2, 522, 530	2, 305, 095		3, 519, 615. 00	4, 384, 149
1854		18, 052, 340	2, 305, 760	1, 513, 235	\$491, 214	1, 890, 397. 50	1, 657, 016
1855		25, 046, 820	1, 487, 010	1, 257, 090	171, 465	600, 700. 00	824, 883
1856		30, 437, 560	1, 429, 900	1, 806, 665	181, 530	1, 213, 117. 50	1, 788, 996
1857		28, 797, 500	481, 060	1, 232, 970	104, 673	796, 235. 00	801, 602
1858		21, 873, 480	343, 210	439, 770	6, 399	141, 082. 50	131, 472
1859		13, 782, 840	253, 930	361, 235	46, 914	142, 220. 00	193, 431
1860		22, 584, 400	278, 830	352, 365	42, 465	164, 360. 00	51, 234
1861		74, 989, 060	1, 287, 330	3, 332, 130	18, 216	3, 241, 295. 00	527, 499
1862		18, 926, 120	234, 950	69, 825	17, 355	300, 882. 50	1, 326, 865
1863		22, 187, 200	112, 480	97, 360	15, 117	27, 075. 00	6, 250
1864		19, 958, 900	60, 800	40, 540	8, 040	7, 185. 00	5, 950
1865		27, 874, 000	207, 050	144, 535	3, 495	62, 302. 50	3, 725
1866		30, 820, 500	237, 800	253, 200	12, 030	105, 175. 00	7, 180
1867		23, 436, 300	121, 400	179, 600	7, 950	78, 125. 00	5, 250
1868		18, 722, 000	241, 550	288, 625	14, 625	94, 052. 50	10, 525
1869		17, 238, 100	82, 850	163, 925	7, 575	84, 612. 50	5, 925
1870		22, 819, 480	164, 430	143, 550	10, 605	51, 387. 50	9, 335
1871		20, 456, 740	254, 650	245, 000	3, 990	68, 375. 00	3, 930
1872		21, 230, 600	244, 500	275, 350	6, 090	52, 575. 00	3, 530
1873		55, 456, 700	173, 680	754, 605	75	512, 562. 50	125, 125
Total: 1793-1873		680, 466, 000	55, 656, 940	68, 889, 385	1, 169, 883	26, 750, 302. 50	19, 181, 927

See footnote at end of table.

TABLE 3.—*Gold coinage of the United States, by denomination and calendar year*<sup>1</sup>—Continued

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1874		\$33,917,700	\$799,270	\$203,530	\$125,460	\$9,850.00	\$198,820
1875		32,737,820	78,350	105,240	60	30,050.00	420
1876		46,386,920	104,280	61,820	135	23,052.50	3,245
1877		43,504,700	211,490	182,660	4,461	92,630.00	3,920
1878		45,916,500	1,031,440	1,427,470	246,972	1,160,650.00	3,020
1879		28,889,260	6,120,320	3,727,155	9,090	331,225.00	3,030
1880		17,749,120	21,715,160	22,831,765	3,108	7,490.00	1,636
1881		14,585,200	48,796,250	33,458,430	1,650	1,700.00	7,660
1882		23,295,400	24,740,640	17,831,885	4,620	10,100.00	5,040
1883		24,980,040	2,595,400	1,647,990	2,820	4,900.00	10,840
1884		19,944,200	2,110,800	1,922,250	3,318	4,982.50	6,206
1885		13,875,560	4,815,270	9,065,030	2,730	2,217.50	12,205
1886		22,120	10,621,600	18,282,160	3,426	10,220.00	6,016
1887		5,662,420	8,706,800	9,560,435	18,480	15,705.00	8,543
1888		21,717,320	8,030,310	1,560,980	15,873	40,245.00	16,080
1889		16,995,120	4,298,850	37,825	7,287	44,120.00	30,729
1890		19,399,080	755,430	290,640		22,032.50	
1891		25,891,340	1,956,000	1,347,065		27,600.00	
1892		19,238,760	9,817,400	5,724,700		6,362.50	
1893		27,178,320	20,132,450	9,610,985		75,265.00	
1894		48,350,800	26,032,780	5,152,275		10,305.00	
1895		45,163,120	7,148,260	7,289,680		15,297.50	
1896		43,931,760	2,000,980	1,072,315		48,005.00	
1897		57,070,220	12,774,090	6,109,415		74,760.00	
1898		54,912,900	12,857,970	10,154,475		60,412.50	
1899		73,593,680	21,403,520	16,278,645		68,375.00	
1900		86,681,680	3,749,600	8,673,650		168,012.50	
1901		34,150,520	46,036,160	21,320,200		228,307.50	
1902		35,697,580	5,520,130	5,557,810		334,332.50	75,080
1903		24,828,560	7,766,970	10,410,120		503,142.50	175,178
1904		227,819,440	2,709,880	2,445,680		402,400.00	25,028
1905		37,440,220	5,703,280	5,915,040		544,860.00	35,041
1906		55,113,800	16,903,920	6,334,100		441,225.00	
1907		96,656,260	26,838,790	7,570,960		811,120.00	
1908		109,263,200	14,813,360	6,149,430		1,412,642.50	
1909		59,774,140	5,987,530	21,910,490		1,104,747.50	
1910		60,788,340	34,863,440	7,840,250		1,231,705.00	
1911		36,392,000	5,866,950	12,018,195		1,899,677.50	
1912		2,996,480	7,050,830	5,910,720		1,540,492.50	
1913		11,926,760	5,050,710	6,620,495		1,805,412.50	
1914		40,926,400	7,025,500	3,785,625		1,720,292.50	
1915	\$150,950	14,391,000	4,100,750	3,760,375		1,540,292.50	25,034
1916		15,920,000	1,385,000	1,200,000			20,026
1917							10,014
1918							
1919							
1920		15,725,000	1,265,000				
1921		10,570,000					
1922		80,670,000					10,016
1923		45,365,000					
1924		206,010,000					
1925		190,935,000				1,445,000.00	
1926		66,785,000	10,140,000			1,615,565.00	
1927		124,675,000				970,000.00	
1928		176,320,000				1,040,000.00	
1929		35,505,000		3,310,000		1,330,000.00	
1930		1,480,000	960,000				
1931		60,895,000					
1932		22,035,000	44,630,000				
1933		8,910,000	3,125,000				
Total:							
1874-1933	150,950	2,801,646,120	521,177,910	325,669,960	449,493	24,316,780.00	692,827
Grand total.	150,950	3,482,112,120	576,834,850	391,559,345	1,619,376	51,067,082.50	19,874,754

<sup>1</sup> Coinage of domestic gold coin discontinued in May 1933; see, 5 of the Gold Reserve Act of Jan. 30, 1934, provides in part as follows: "No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States. \* \* \* All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

TABLE 4.—*Silver coinage of the United States, by denomination and calendar year<sup>1</sup>*

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1793-95.		\$204,791	\$161,572.00			\$4,320.80	
1796.		72,920		\$1,473.50	\$2,213.50	511.50	
1797.		7,776	1,959.00	63.00	2,526.10	2,226.35	
1798.		327,536			2,755.00		
1799.		423,515					
1800.		220,920			2,176.00	1,200.00	
1801.		54,454	15,144.50		3,464.00	1,695.50	
1802.		41,650	14,945.00		1,097.50	650.50	
1803.		66,064	15,857.50		3,304.00	1,892.50	
1804.		19,570	78,259.50	1,684.50	826.50		
1805.		321	105,861.00	30,348.50	12,078.00	780.00	
1806.			419,788.00	51,531.00			
1807.			525,788.00	55,160.75	16,500.00		
1808.			684,300.00				
1809.			702,905.00		4,471.00		
1810.			638,138.00		635.50		
1811.			601,822.00		6,518.00		
1812.			814,029.50				
1813.			620,951.50				
1814.			519,537.50		42,150.00		
1815.				17,308.00			
1816.			23,575.00	5,000.75			
1817.			607,783.50				
1818.			980,161.00	90,293.50			
1819.			1,104,000.00	36,000.00			
1820.			375,561.00	31,861.00	94,258.70		
1821.			652,898.50	54,212.75	118,651.20		
1822.			779,786.50	16,020.00	10,000.00		
1823.			847,100.00	4,450.00	44,000.00		
1824.			1,752,477.00				
1825.			1,471,583.00	42,000.00	51,000.00		
1826.			2,002,090.00				
1827.			2,746,700.00	1,000.00	121,500.00		
1828.			1,537,600.00	25,500.00	12,500.00		
1829.			1,856,078.00		77,000.00	61,500.00	
1830.			2,382,400.00		51,000.00	62,000.00	
1831.			2,936,830.00	99,500.00	77,135.00	62,135.00	
1832.			2,398,500.00	80,000.00	52,250.00	48,250.00	
1833.			2,603,000.00	39,000.00	48,500.00	68,500.00	
1834.			3,206,002.00	71,500.00	63,500.00	74,000.00	
1835.			2,676,003.00	488,000.00	141,000.00	138,000.00	
1836.	1,000		3,273,100.00	118,000.00	119,000.00	95,000.00	
1837.			1,814,910.00	63,100.00	104,200.00	113,800.00	
1838.			1,773,000.00	208,000.00	239,493.40	112,750.00	
1839.	300		1,748,768.00	122,786.50	229,638.70	108,285.00	
1840.	61,005		1,145,054.00	153,331.75	253,358.00	113,954.25	
1841.	173,000		355,500.00	143,000.00	363,000.00	98,250.00	
1842.	184,618		1,484,882.00	214,250.00	390,750.00	58,250.00	
1843.	165,100		3,056,000.00	403,400.00	152,000.00	58,250.00	
1844.	20,000		1,885,500.00	290,300.00	7,250.00	32,500.00	
1845.	24,500		1,341,500.00	230,500.00	198,500.00	78,200.00	
1846.	169,600		2,257,000.00	127,500.00	3,130.00	1,350.00	
1847.	140,750		1,870,000.00	275,500.00	24,500.00	63,700.00	
1848.	15,000		1,880,000.00	36,500.00	45,150.00	63,400.00	
1849.	62,600		1,781,000.00	85,000.00	113,900.00	72,450.00	
1850.	47,500		1,341,500.00	150,700.00	244,150.00	82,250.00	
1851.	1,300		301,375.00	62,000.00	142,650.00	82,050.00	\$185,022.00
1852.	1,100		110,565.00	68,265.00	196,550.00	63,025.00	559,905.00
1853.	46,110		2,430,354.00	4,146,555.00	1,327,301.00	785,251.00	342,000.00
1854.	33,140		4,111,000.00	3,466,000.00	624,000.00	365,000.00	20,130.00
1855.	26,000		2,288,725.00	857,350.00	207,500.00	117,500.00	4,170.00
1856.	63,500		1,903,500.00	2,129,500.00	703,000.00	299,000.00	43,740.00
1857.	94,000		1,482,000.00	2,726,500.00	712,000.00	433,000.00	31,260.00
1858.			5,998,000.00	2,002,250.00	189,000.00	258,000.00	48,120.00
1859.			636,500	2,074,000.00	421,000.00	97,000.00	45,000.00
1860.			733,930	1,032,850.00	312,350.00	78,700.00	92,950.00
1861.			78,500	2,078,950.00	1,237,650.00	209,650.00	164,050.00
1862.			12,090	802,175.00	249,887.50	102,830.00	74,627.50
1863.			27,660	709,830.00	48,015.00	17,196.00	5,923.00
1864.			31,170	518,785.00	28,517.50	26,907.00	4,523.50
1865.			47,000	593,450.00	25,075.00	18,550.00	6,675.00
1866.			49,625	899,812.50	11,381.25	14,372.50	6,536.25
1867.			60,325	810,162.50	17,156.25	14,662.50	6,431.25
1868.			182,700	769,100.00	31,500.00	72,625.00	18,295.00
1869.			424,300	725,950.00	23,150.00	70,660.00	21,930.00
1870.			445,462	829,758.50	23,935.00	52,150.00	26,830.00
1871.			1,117,136	1,741,655.00	53,255.50	109,371.00	82,493.00
1872.			1,118,600	866,775.00	68,762.50	261,045.00	189,247.50
1873.	\$1,225,000	296,600	1,593,780.00	414,190.50	443,329.10	51,830.00	18.00
Total:	1793-1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	4,880,219.40
						1,282,087.20	

See footnote at end of table.

TABLE 4.—*Silver coinage of the United States, by denomination and calendar year<sup>1</sup>*—Continued

Calendar year	Trade dollars	Dollars <sup>2</sup>	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1874	\$4,910,000		\$1,406,650.00	\$215,975.00	\$319,151.70		
1875	6,279,600		5,117,750.00	1,278,375.00	2,406,570.00		
1876	6,192,150		7,451,575.00	7,839,287.50	3,015,115.00		
1877 <sup>1</sup>	13,092,710		7,540,255.00	6,024,927.50	1,735,051.00		
1878 <sup>1</sup>	4,259,900	\$22,495,550	726,200.00	849,200.00	187,880.00		
1879	1,541	27,560,100	2,950.00	3,675.00	1,510.00		
1880	1,987	27,397,355	4,877.50	3,738.75	3,735.50		
1881	960	27,927,975	5,487.50	3,243.75	2,497.50		
1882	1,097	27,574,100	2,750.00	4,075.00	391,110.00		
1883	979	28,470,039	4,519.50	3,859.75	767,571.20		
1884		28,136,875	2,637.50	2,218.75	393,134.90		
1885		28,697,767	3,065.00	3,632.50	257,711.70		
1886		31,423,886	2,943.00	1,471.50	655,409.40		
1887		33,611,710	2,855.00	2,677.50	1,573,838.90		
1888		31,990,833	6,416.50	306,708.25	721,648.70		
1889		34,651,811	6,355.50	3,177.75	835,338.90		
1890		38,043,004	6,295.00	20,147.50	1,133,461.70		
1891		23,562,735	100,300.00	1,551,150.00	2,304,671.60		
1892		6,333,245	1,652,136.50	2,960,331.00	1,695,365.50		
1893		1,455,792	4,003,948.50	2,583,843.25	759,219.30		
1894		3,093,972	3,667,831.00	2,233,448.25	205,099.60		
1895		862,880	2,354,652.00	2,255,390.25	225,088.00		
1896		19,876,762	1,507,855.00	1,386,700.25	318,581.80		
1897		12,651,731	2,023,315.50	2,524,440.00	1,287,810.80		
1898		14,426,735	3,094,642.50	3,497,331.75	2,015,324.20		
1899		15,182,846	4,474,628.50	3,994,211.50	2,409,833.90		
1900		25,010,938	5,033,617.00	3,822,874.25	2,477,918.20		
1901		22,566,813	3,119,925.50	2,644,369.25	2,507,350.00		
1902		18,160,777	4,454,723.50	4,617,589.00	2,795,077.70		
1903		10,343,755	3,149,763.50	3,551,516.00	2,829,405.50		
1904		8,812,650	2,331,654.00	3,011,203.25	1,540,102.70		
1905			1,830,863.50	2,020,562.50	2,480,754.90		
1906			5,426,414.50	2,248,108.75	2,976,504.60		
1907			5,825,587.50	3,899,143.75	3,453,704.50		
1908			5,819,686.50	4,262,136.25	2,309,954.50		
1909			2,529,025.00	4,110,662.50	1,448,165.00		
1910			1,183,275.50	936,137.75	1,625,055.10		
1911			1,686,811.50	1,410,535.75	3,359,954.30		
1912			2,610,750.00	1,277,175.00	3,453,070.00		
1913			663,313.50	493,853.25	2,027,062.20		
1914			558,305.00	2,388,652.50	3,136,865.50		
1915			1,486,440.00	1,969,612.50	658,045.00		
1916			1,065,200.00	2,095,200.00	5,720,400.00		
1917			10,751,700.00	9,464,400.00	9,196,200.00		
1918			10,434,549.00	8,173,000.00	6,865,480.00		
1919			1,839,500.00	3,776,000.00	5,452,900.00		
1920			6,398,570.00	9,456,600.00	9,202,100.00		
1921		87,736,473	611,062.50	479,000.00	231,000.00		
1922		84,275,000	50,030.50				
1923		56,631,000	1,226,038.50	2,769,000.00	5,657,000.00		
1924		13,539,000	71,040.00	4,223,000.00	3,794,000.00		
1925		11,808,000	1,338,518.00	3,070,000.00	3,657,700.00		
1926		11,267,700	574,306.50	3,933,000.00	4,050,800.00		
1927		2,982,900	1,216,017.00	3,321,100.00	3,766,200.00		
1928		1,992,649	1,000,018.00	2,651,900.00	3,104,100.00		
1929			1,451,600.00	3,565,500.00	3,573,400.00		
1930				1,797,000.00	861,300.00		
1931					621,000.00		
1932				1,562,200.00			
1933			895,625.00				
1934		3,534,557	6,612,270.50	8,859,813.00	3,085,200.00		
1935		3,540,000	8,201,523.50	10,981,000.00	8,514,700.00		
1936			10,745,882.50	12,626,459.25	11,284,613.00		
1937			6,824,600.50	7,135,785.50	8,075,175.60		
1938			2,337,909.00	3,078,011.25	3,582,572.80		
1939			6,827,967.00	10,817,198.75	10,268,332.10		
1940			6,858,639.50	11,689,211.50	10,811,982.70		
1941			21,776,906.00	27,960,521.75	26,383,055.70		
1942			35,760,460.00	31,747,080.75	31,547,232.90		
1943			38,993,000.00	31,373,900.00	32,405,900.00		
1944			23,439,500.00	33,029,200.00	34,312,400.00		
1945			25,812,400.00	25,929,400.25	24,129,500.00		
1946			9,897,047.50	16,678,200.00	34,419,350.00		
1947			4,117,325.50	10,856,600.00	20,319,500.00		
Total:	1874-1947	34,710,924	\$47,629,915,310,042,257.00	391,316,651.50	389,595,815.30		

Grand total 35,965,921 \$55,661,153,440,583,510.00 413,604,673.00 398,838,894.50 \$4,880,219.40 \$1,282,087.20

<sup>1</sup> 20-cent silver coinage. 1875, \$265,598; 1876, \$5,180; 1877, \$102; 1878, \$120; total, \$271,000.<sup>2</sup> The silver dollar coins executed 1921-28 represent an equivalent number of dollars converted into bullion under the act of Apr. 23, 1918—259,421,551 for export to India and 11,111,168 for domestic subsidiary coin.

TABLE 5.—*Minor Coinage of the United States, by denomination and calendar year<sup>1</sup>*

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793-95				\$10,660.33	\$712.67
1796				9,747.00	577.40
1797				8,975.10	535.24
1798				9,797.00	
1799				9,045.85	60.83
1800				28,221.75	1,057.65
1801				13,628.37	
1802				34,351.00	71.83
1803				24,713.53	489.50
1804				7,568.38	5,276.56
1805				9,411.16	4,072.32
1806				3,480.00	1,780.00
1807				7,272.21	2,380.00
1808				11,090.00	2,000.00
1809				2,228.67	5,772.86
1810				14,585.00	1,075.00
1811				2,180.25	315.70
1812				10,755.00	
1813				4,180.00	
1814				3,578.30	
1815					
1816				28,209.82	
1817				39,484.00	
1818				31,670.00	
1819				26,710.00	
1820				44,075.50	
1821				3,890.00	
1822				20,723.39	
1823					
1824				12,620.00	
1825				14,611.00	315.00
1826				15,174.25	1,170.00
1827				23,577.32	
1828				22,606.24	3,030.00
1829				14,145.00	2,435.00
1830				17,115.00	
1831				33,592.60	11.00
1832				23,620.00	
1833				27,390.00	770.00
1834				18,551.00	600.00
1835				38,784.00	705.00
1836				21,110.00	1,990.00
1837				55,583.00	
1838				63,702.00	
1839				31,286.61	
1840				24,627.00	
1841				15,973.67	
1842				23,833.90	
1843				24,283.20	
1844				23,987.52	
1845				38,948.04	
1846				41,208.00	
1847				61,836.69	
1848				64,157.99	
1849				41,785.00	199.32
1850				44,268.44	199.06
1851				98,897.07	738.36
1852				50,630.94	
1853				66,411.31	648.47
1854				42,361.56	276.79
1855				15,748.29	282.50
1856				26,904.63	202.15
1857				177,834.56	175.90
1858				246,000.00	
1859				364,000.00	
1860				205,660.00	
1861				101,000.00	
1862				280,750.00	
1863				498,400.00	
1864				\$396,950.00	529,737.14
1865		\$341,460.00		272,800.00	354,292.86
1866	\$737,125.00	144,030.00		63,540.00	98,265.00
1867	1,545,475.00	117,450.00		58,775.00	98,210.00
1868	1,440,850.00	97,560.00		56,075.00	102,665.00
1869	819,750.00	48,120.00		30,930.00	64,200.00
1870	240,300.00	40,050.60		17,225.00	52,750.00
1871	28,050.00	18,120.00		14,425.00	39,295.00
1872	301,800.00	25,860.00		1,300.00	40,420.00
1873	227,500.00	35,190.00			116,765.00
Total, 1793-1873	5,340,850.00	867,840.00		912,020.00	4,929,807.44
					39,926.11

See footnote at end of table.

TABLE 5.—*Minor coinage of the United States, by denomination and calendar year<sup>1</sup>*—Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1874.	\$176,900.00	\$23,700.00		\$141,875.00	
1875.	104,850.00	6,840.00		135,280.00	
1876.	126,500.00	4,860.00		79,440.00	
1877.				8,525.00	
1878.	117.50	70.50		57,998.50	
1879.	1,455.00	1,236.00		162,312.00	
1880.	997.75	748.65		389,649.55	
1881.	3,618.75	32,417.25		392,115.75	
1882.	573,830.00	759.00		385,811.00	
1883.	1,148,471.05	318.27		455,981.09	
1884.	563,697.10	169.26		232,617.42	
1885.	73,824.50	143.70		117,653.84	
1886.	166,514.50	128.70		176,542.90	
1887.	763,182.60	238.83		452,264.83	
1888.	536,024.15	1,232.49		374,944.14	
1889.	794,068.05	646.83		488,693.61	
1890.	812,963.60			571,828.54	
1891.	841,717.50			470,723.50	
1892.	584,982.10			376,498.32	
1893.	668,509.75			466,421.95	
1894.	270,656.60			167,521.32	
1895.	498,994.20			333,486.36	
1896.	442,146.00			390,572.93	
1897.	1,021,436.75			504,663.30	
1898.	626,604.35			498,230.79	
1899.	1,301,451.55			536,000.31	
1900.	1,362,799.75			668,337.64	
1901.	1,324,010.65			796,111.43	
1902.	1,574,028.95			873,767.22	
1903.	1,400,336.25			850,944.93	
1904.	1,070,249.20			613,280.15	
1905.	1,491,363.80			807,191.63	
1906.	1,930,686.25			960,222.55	
1907.	1,960,740.00			1,081,386.18	
1908.	1,134,308.85			334,429.87	
1909.	579,526.30			1,176,862.63	
1910.	1,508,467.65			1,528,462.18	
1911.	1,977,968.60			1,178,757.87	
1912.	1,747,435.70			829,950.60	
1913.	3,682,961.95			984,373.52	
1914.	1,402,386.90			805,684.32	
1915.	1,503,088.50			559,751.20	
1916.	4,434,553.30			1,902,996.77	
1917.	3,276,391.45			2,841,697.85	
1918.	2,266,515.70			3,706,146.34	
1919.	3,819,750.00			5,889,350.00	
1920.	4,110,000.00			4,056,650.00	
1921.	611,000.00			544,310.00	
1922.				71,600.00	
1923.	2,092,850.00			834,230.00	
1924.	1,415,750.00			893,940.00	
1925.	2,313,555.00			1,889,090.00	
1926.	2,565,050.00			1,896,580.00	
1927.	2,357,050.00			1,858,560.00	
1928.	1,839,150.00			1,825,520.00	
1929.	2,628,500.00			2,771,400.00	
1930.	1,414,200.00			2,218,010.00	
1931.	60,000.00			247,420.00	
1932.				195,620.00	
1933.				205,600.00	
1934.	1,384,650.15			2,475,260.00	
1935.	4,032,800.00			3,310,900.00	
1936.	7,937,271.00			3,793,875.69	
1937.	5,147,338.45			3,941,093.20	
1938.	1,800,818.25			1,918,867.34	
1939.	6,538,576.75			3,837,095.20	
1940.	12,986,457.90			7,811,558.72	
1941.	15,008,036.00			11,080,921.00	
1942.	7,727,860.00			9,501,166.00	
1943.	19,525,950.00			10,938,386.70	
1944.	8,654,950.00			21,487,380.00	
1945.	10,775,255.00			14,485,530.00	
1946.	10,998,410.00			15,054,450.00	
1947.	7,877,100.00			4,843,050.00	
Total 1874-1947.	193,353,661.60	73,509.48		170,795,740.68	
Grand total.	198,694,511.60	941,349.48	\$912,020.00	175,725,548.12	\$39,926.11

<sup>1</sup> Minor coinage was confined by law to the mint at Philadelphia until the act of April 24, 1906. Minor coins were first manufactured at the mint at Philadelphia in 1793, at San Francisco in 1908, and at Denver in 1911.

TABLE 6.—*Coinage of the Philadelphia Mint, by class and calendar year*

Calendar year	Gold	Silver	Minor	Grand total
1793-1795	\$71,485.00	\$370,683.80	\$11,373.00	\$453,541.80
1796	77,960.00	77,118.50	10,324.40	165,402.90
1797	128,190.00	14,550.45	9,510.34	152,250.79
1798	205,610.00	330,291.00	9,797.00	545,698.00
1799	213,285.00	423,515.00	9,106.68	645,906.68
1800	317,760.00	224,296.00	29,279.40	571,335.40
1801	422,570.00	74,758.00	13,628.37	510,956.37
1802	423,310.00	58,343.00	34,422.83	516,075.83
1803	258,377.50	87,118.00	25,203.03	370,698.53
1804	258,642.50	100,340.50	12,844.94	371,827.94
1805	170,367.50	149,388.50	13,483.48	333,239.48
1806	324,505.00	471,319.00	5,260.00	801,084.00
1807	437,495.00	597,448.75	9,652.21	1,044,595.96
1808	284,665.00	684,300.00	13,090.00	982,055.00
1809	169,375.00	707,376.00	8,001.53	884,752.53
1810	501,435.00	638,773.50	15,660.00	1,155,868.50
1811	497,905.00	608,340.00	2,495.95	1,108,740.95
1812	290,435.00	814,029.50	10,755.00	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,102,271.50
1814	77,270.00	561,687.50	3,578.30	642,535.80
1815	3,175.00	17,308.00		20,483.00
1816		28,575.75		56,785.57
1817		607,783.50		647,267.50
1818	242,940.00	1,070,454.50	31,670.00	1,345,064.50
1819	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820	1,319,030.00	501,680.70	44,075.50	1,864,786.20
1821	189,325.00	825,762.45	3,890.00	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	915,509.89
1823	72,425.00	895,550.00		967,975.00
1824	93,200.00	1,752,477.00		1,858,297.00
1825	156,385.00	1,564,583.00		1,735,894.00
1826	92,245.00	2,002,090.00		2,110,679.25
1827	131,565.00	2,869,200.00		3,024,342.32
1828	140,145.00	1,575,600.00		1,741,381.24
1829	295,717.50	1,994,578.00		2,306,875.50
1830	643,105.00	2,495,400.00		3,155,620.00
1831	714,270.00	3,175,600.00		3,923,473.60
1832	798,435.00	2,579,000.00		3,401,055.00
1833	978,550.00	2,759,000.00		3,765,710.00
1834	3,954,270.00	3,415,002.00		7,388,423.00
1835	2,186,175.00	3,443,003.00		5,668,667.00
1836	4,135,700.00	3,606,100.00		7,764,900.00
1837	1,148,305.00	2,096,010.00		3,299,898.00
1838	1,622,515.00	2,293,000.00		3,979,217.00
1839	1,040,747.50	1,949,135.50		3,021,169.61
1840	1,207,437.50	1,028,603.00		2,260,667.50
1841	710,475.00	577,750.00		1,304,198.67
1842	960,017.50	1,442,500.00		2,426,351.40
1843	4,062,010.00	2,443,750.00		6,530,043.20
1844	1,782,220.00	1,037,050.00		2,843,257.52
1845	2,574,652.50	803,200.00		3,416,800.54
1846	2,234,655.00	1,347,580.00		3,623,443.00
1847	13,277,020.00	990,450.00		14,329,306.69
1848	2,780,930.00	420,050.00		3,265,137.99
1849	7,948,332.00	922,950.00		8,913,266.32
1850	27,756,445.50	409,600.00		28,210,513.00
1851	52,143,446.00	446,797.00		52,689,878.43
1852	51,505,638.50	847,410.00		52,403,679.44
1853	36,355,621.00	7,852,571.00		44,275,251.78
1854	20,049,799.00	5,373,270.00		25,465,707.35
1855	10,594,454.00	1,419,170.00		12,029,654.79
1856	10,993,976.00	3,214,240.00		14,235,322.78
1857	10,817,287.00	4,452,260.00		15,447,557.46
1858	4,578,006.50	4,332,120.00		9,156,126.50
1859	1,430,708.00	1,037,450.00		2,832,158.00
1860	11,885,175.50	681,390.00		12,772,225.50
1861	67,588,150.00	3,107,740.00		70,796,890.00
1862	3,600,037.50	541,691.50		4,422,479.00
1863	2,902,082.00	330,517.80		3,730,999.80
1864	4,163,775.00	248,417.10		5,338,879.24
1865	7,081,607.50	319,755.00		8,369,915.36
1866	14,073,945.00	428,909.25	1,042,960.00	15,545,814.25
1867	5,108,625.00	278,876.25	1,819,910.00	7,207,411.25
1868	2,141,387.50	430,343.00	1,697,150.00	4,268,880.50
1869	3,554,937.50	862,643.00	963,000.00	5,380,580.50
1870	3,177,552.50	829,400.00	350,325.00	4,357,277.50
1871	1,658,245.00	1,891,179.80	99,890.00	3,649,314.80
1872	5,079,745.00	1,980,063.50	369,380.00	7,429,188.50
1873	35,337,537.50	2,801,283.00	379,455.00	38,518,275.50

TABLE 6.—*Coinage of the Philadelphia Mint, by class and calendar year—Continued*

Calendar year	Gold	Silver	Minor	Grand total
1874	\$8,219,270.00	\$2,579,995.00	\$342,475.00	\$11,141,740.00
1875	5,918,630.00	5,349,035.00	246,970.00	11,514,635.00
1876	11,706,737.50	10,269,307.50	210,800.00	22,186,845.00
1877	7,979,844.00	10,651,045.50	8,525.00	18,639,414.50
1878	13,235,242.00	11,932,850.00	58,186.50	25,226,278.50
1879	9,744,645.00	14,816,776.00	165,003.00	24,726,424.00
1880	33,322,294.00	12,615,693.75	391,395.95	46,329,383.70
1881	67,372,810.00	9,176,163.75	428,151.75	76,977,125.50
1882	35,849,960.00	11,500,132.00	960,400.00	48,310,492.00
1883	3,273,960.00	13,067,968.45	1,604,770.41	17,946,698.86
1884	1,740,216.50	14,412,369.25	796,483.78	16,949,069.53
1885	5,576,512.50	18,047,807.20	191,622.04	23,815,941.74
1886	4,345,542.00	20,606,057.50	343,186.10	25,294,785.60
1887	582,383.00	21,424,636.40	1,215,686.26	23,222,705.66
1888	6,018,958.00	19,742,606.45	912,200.78	26,673,765.23
1889	1,047,031.00	22,474,415.35	1,283,408.49	24,804,854.84
1890	2,144,002.50	17,820,186.60	1,384,792.14	21,348,981.24
1891	1,282,185.00	11,305,716.00	1,312,441.00	13,900,342.00
1892	11,840,202.50	5,251,303.25	961,480.42	18,052,986.17
1893	33,011,980.00	5,023,529.20	1,134,931.70	39,170,440.90
1894	56,887,660.00	1,676,798.20	438,177.92	59,022,636.12
1895	34,716,357.50	2,109,797.00	882,430.56	37,708,585.06
1896	16,900,060.00	11,620,909.70	832,718.93	29,413,688.63
1897	42,080,985.00	7,185,205.65	1,526,100.05	50,792,290.70
1898	14,759,257.50	11,770,359.75	1,124,835.14	27,654,452.39
1899	54,632,750.00	8,214,565.10	1,837,451.86	64,684,766.96
1900	47,627,942.50	15,526,713.20	2,031,137.39	65,185,793.09
1901	22,727,277.50	13,206,470.55	2,120,122.08	38,053,870.13
1902	2,722,432.50	15,643,679.20	2,447,796.17	20,813,907.87
1903	8,821,260.50	10,159,724.00	2,251,281.18	21,232,265.68
1904	129,144,428.00	8,142,290.95	1,683,529.35	138,970,248.30
1905	5,282,441.00	3,028,661.00	2,298,555.43	10,609,657.43
1906	5,234,095.00	4,229,286.85	2,890,908.80	12,354,290.65
1907	54,901,490.00	5,319,488.75	3,042,126.18	63,263,104.93
1908	98,720,132.50	2,795,463.25	1,457,588.72	102,973,184.47
1909	9,314,707.50	4,525,552.50	1,730,208.98	15,570,468.93
1910	17,083,335.00	1,922,468.35	2,976,479.83	21,982,283.18
1911	15,339,122.50	3,520,461.55	2,989,746.47	21,849,330.52
1912	12,538,522.50	3,810,595.00	1,993,366.30	18,342,483.80
1913	14,183,377.50	2,191,628.95	3,807,935.47	20,182,841.92
1914	5,252,817.50	3,359,523.00	1,755,671.22	10,398,011.72
1915	11,007,375.00	1,501,382.50	1,340,284.70	13,849,042.20
1916	20,026.00	4,831,000.00	4,493,240.07	9,344,266.07
1917	10,014.00	17,324,000.00	4,535,499.30	21,869,513.30
1918		9,595,029.00	4,485,362.04	14,080,391.04
1919		6,886,000.00	6,963,610.00	13,849,610.00
1920	4,565,000.00	16,179,070.00	6,256,300.00	27,000,370.00
1921	10,570,000.00	46,531,535.50	924,720.00	58,026,255.50
1922	27,520,016.00	51,787,030.50		79,307,046.50
1923	11,320,000.00	38,242,000.00	2,532,980.00	52,094,980.00
1924	86,470,000.00	17,013,040.00	1,832,780.00	105,315,820.00
1925	50,635,000.00	17,067,404.00	3,177,745.00	76,880,149.00
1926	28,090,565.00	8,508,279.00	3,805,530.00	40,404,374.00
1927	59,905,000.00	6,654,017.00	3,343,450.00	69,902,467.00
1928	177,360,000.00	3,922,667.00	2,511,710.00	183,794,377.00
1929	40,235,000.00	5,382,000.00	3,674,920.00	49,291,920.00
1930		2,085,000.00	2,716,600.00	4,801,600.00
1931	58,765,000.00	315,000.00	193,960.00	59,273,960.00
1932	66,665,000.00	1,351,000.00	90,620.00	68,106,620.00
1933	12,035,000.00		143,600.00	12,178,600.00
1934		14,942,137.50	3,201,450.15	18,143,587.65
1935		20,205,036.00	5,367,080.00	25,572,116.00
1936		25,558,430.25	9,046,446.69	34,604,876.94
1937		15,527,789.60	7,066,081.63	22,593,871.25
1938		6,650,971.05	2,542,735.59	9,202,706.64
1939		18,575,088.85	9,196,171.95	27,771,260.80
1940		20,048,633.70	14,693,216.62	34,741,850.32
1941		49,376,183.45	19,034,577.00	68,410,760.45
1942		69,992,073.65	11,964,246.00	81,956,319.65
1943		70,691,000.00	20,404,536.70	91,095,536.70
1944		63,483,000.00	20,311,500.00	83,794,500.00
1945		50,257,000.00	16,375,555.00	66,632,555.00
1946		45,493,301.50	17,972,350.00	63,465,651.50
1947		19,888,008.50	6,655,550.00	26,543,558.50
Total	2,041,345,389.50	1,252,108,553.80	285,045,930.31	3,578,499,873.61

TABLE 7.—*Gold coinage of the Philadelphia Mint, by denomination and calendar year*

Calendar year	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793 to 1795.		\$27, 950	\$43, 535			
1796		60, 800	16, 995			\$165.00
1797		91, 770	32, 030			4, 390.00
1798		79, 740	124, 335			1, 535.00
1799		174, 830	37, 255			1, 200.00
1800		259, 650	58, 110			
1801		292, 540	130, 030			
1802		150, 900	265, 880			6, 530.00
1803		89, 790	167, 530			1, 057.50
1804		97, 950	152, 375			8, 317.50
1805			165, 915			4, 452.50
1806			320, 465			4, 040.00
1807			420, 465			17, 030.00
1808			277, 890			6, 775.00
1809			169, 375			
1810			501, 435			
1811			497, 905			
1812			290, 435			
1813			477, 140			
1814			77, 270			
1815			3, 175			
1816						
1817						
1818			242, 940			
1819			258, 615			
1820			1, 319, 030			
1821			173, 205			16, 120.00
1822			88, 980			
1823			72, 425			
1824			86, 700			6, 500.00
1825			145, 300			11, 085.00
1826			90, 345			1, 960.00
1827			124, 565			7, 600.00
1828			140, 145			
1829			287, 210			8, 507.50
1830			631, 755			11, 350.00
1831			702, 970			11, 300.00
1832			787, 435			11, 000.00
1833			968, 150			10, 400.00
1834			3, 660, 845			293, 425.00
1835			1, 857, 670			328, 505.00
1836			2, 765, 735			1, 369, 965.00
1837			1, 035, 605			112, 700.00
1838		72, 000	1, 432, 940			117, 575.00
1839		382, 480	590, 715			67, 552.50
1840		473, 380	686, 910			47, 147.50
1841		631, 310	79, 165			
1842		815, 070	137, 890			7, 057.50
1843		754, 620	3, 056, 025			251, 365.00
1844		63, 610	1, 701, 650			16, 960.00
1845		261, 530	2, 285, 495			227, 627.50
1846		200, 950	1, 979, 710			53, 995.00
1847		8, 622, 580	4, 579, 905			74, 535.00
1848		1, 454, 840	1, 303, 875			22, 215.00
1849		6, 536, 180	665, 350			58, 235.00
1850	\$23, 405, 220	2, 914, 510	322, 455			\$688, 567
1851	41, 743, 100	1, 763, 280	1, 887, 525			481, 953
1852	41, 060, 520	2, 631, 060	2, 869, 505			3, 317, 671
1853	25, 226, 520	2, 012, 530	1, 528, 850			2, 045, 351
1854	15, 157, 980	542, 500	803, 375	\$415, 854	1, 490, 645.00	1, 639, 445
1855	7, 293, 320	1, 217, 010	585, 490	151, 665	588, 700.00	758, 269
1856	6, 597, 560	604, 900	989, 950	78, 030	960, 600.00	1, 762, 936
1857	8, 787, 500	166, 060	490, 940	62, 673	535, 325.00	774, 789
1858	4, 234, 280	25, 210	75, 680	6, 399	118, 442.50	117, 995
1859	871, 940	160, 930	84, 070	46, 914	98, 610.00	168, 244
1860	11, 553, 400	117, 830	99, 125	21, 465	56, 687.50	36, 668
1861	59, 529, 060	1, 132, 330	3, 199, 750	18, 216	3, 181, 295.00	527, 499
1862	1, 842, 660	109, 950	22, 325	17, 355	280, 882.50	1, 326, 865
1863	2, 855, 800	12, 480	12, 360	15, 117	75.00	6, 250
1864	4, 085, 700	35, 800	21, 100	8, 040	7, 185.00	5, 950
1865	7, 024, 000	40, 050	6, 475	3, 495	3, 862.50	3, 725
1866	13, 975, 500	37, 800	33, 600	12, 090	7, 775.00	7, 180
1867	5, 021, 300	31, 460	34, 600	7, 950	8, 125.00	5, 250
1868	1, 972, 000	106, 550	28, 625	14, 625	9, 062.50	10, 525
1869	3, 503, 100	18, 550	8, 925	7, 575	10, 862.50	5, 925
1870	3, 103, 700	25, 350	20, 175	10, 605	11, 387.50	6, 335
1871	1, 603, 000	17, 800	16, 150	3, 990	13, 375.00	3, 930
1872	5, 037, 600	16, 500	8, 450	6, 090	7, 575.00	3, 530
1873	34, 196, 500	8, 250	562, 525	75	445, 062.50	125, 125

TABLE 7.—*Gold coinage of the Philadelphia Mint, by denomination and calendar year—Continued*

Calendar year	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1874	\$7,336,000	\$531,600	\$17,540	\$125,460	\$9,850.00	\$198,820
1875	5,914,800	1,200	1,100	60	1,050.00	420
1876	11,678,100	7,320	7,385	135	10,552.50	3,245
1877	7,953,400	8,170	5,760	4,464	4,130.00	3,920
1878	10,872,900	738,000	658,700	246,972	715,650.00	3,020
1879	4,152,600	3,847,700	1,509,750	9,090	222,475.00	3,030
1880	1,029,120	16,448,760	15,832,180	3,108	7,490.00	1,636
1881	45,200	38,772,600	28,544,000	1,650	1,700.00	7,660
1882	12,600	23,244,800	12,572,800	4,620	10,100.00	5,040
1883	800	2,087,400	1,167,200	2,820	4,900.00	10,840
1884	1,420	769,050	955,240	3,318	4,982.50	6,206
1885	16,560	2,535,270	3,007,530	2,730	2,217.50	12,205
1886	22,120	2,361,600	1,942,160	3,426	10,220.00	6,016
1887	2,420	536,800	435	18,480	15,705.00	8,543
1888	4,525,320	1,329,960	91,480	15,873	40,245.00	16,080
1889	882,220	44,850	37,825	7,287	44,120.00	30,729
1890	1,519,900	580,430	21,640		22,032.50	
1891	28,840	918,680	307,065		27,600.00	
1892	99,460	7,975,520	3,767,860		6,362.50	
1893	6,886,780	18,408,950	7,640,985		75,265.00	
1894	27,379,800	24,707,780	4,789,775		10,305.00	
1895	22,293,120	5,678,260	6,729,680		15,297.50	
1896	15,853,260	763,480	295,315		48,005.00	
1897	27,665,220	10,001,590	4,339,415		74,760.00	
1898	3,409,400	8,121,970	3,167,475		60,412.50	
1899	33,387,680	12,623,050	8,553,645		68,375.00	
1900	37,491,680	2,939,600	7,028,650		168,012.50	
1901	2,230,520	17,188,250	3,080,200		228,307.50	
1902	625,080	825,130	862,810		334,332.50	75,080
1903	5,748,560	1,259,260	1,135,120		503,142.50	175,178
1904	125,135,940	1,620,380	1,960,680		402,400.00	25,028
1905	1,180,220	2,010,780	1,511,540		544,860.00	35,041
1906	1,393,800	1,654,970	1,744,100		441,225.00	
1907	36,495,620	14,433,790	3,130,960		841,120.00	
1908	88,558,200	3,749,860	4,999,430		1,412,642.50	
1909	3,225,640	1,848,630	3,135,690		1,104,747.50	
1910	9,643,340	3,187,040	3,021,250		1,231,705.00	
1911	3,947,000	5,055,950	4,575,695		1,760,477.50	
1912	2,996,480	4,050,830	3,950,720		1,540,492.50	
1913	3,376,760	4,420,710	4,580,495		1,805,412.50	
1914	1,906,400	1,510,500	1,235,625		600,292.50	
1915	3,041,000	3,510,750	2,940,375		1,515,250.00	
1916						20,026
1917						10,014
1918						
1919						
1920	4,565,000					
1921	10,570,000					
1922	27,510,000					10,016
1923	11,320,000					
1924	86,470,000					
1925	56,635,000					
1926	16,335,000	10,140,000			1,516,565.00	
1927	58,935,000				970,000.00	
1928	176,329,000				1,040,000.00	
1929	35,595,000		3,310,000		1,330,000.00	
1930						
1931	58,765,000					
1932	22,035,000	44,630,000				
1933	8,910,000	3,125,000				
Total	1,423,602,540	345,549,320	209,848,105	1,357,716	42,413,887.50	18,573,821

TABLE 8.—*Silver coinage of the Philadelphia Mint, by denomination and calendar year<sup>1</sup>*

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1793-95		\$204, 791	\$161, 572.00			\$4, 320.80	
1796		72, 920		\$1, 473.50	\$2, 213.50	511.50	
1797		7, 776	1, 959.00	63.00	2, 526.10	2, 226.35	
1798		327, 536			2, 755.00		
1799		423, 515					
1800		220, 920			2, 176.00	1, 200.00	
1801		54, 454	15, 144.50		3, 464.00	1, 695.50	
1802		41, 650	14, 945.00		1, 097.50	650.50	
1803		66, 064	15, 857.50		3, 304.00	1, 892.50	
1804		19, 570	78, 259.50	1, 684.50	826.50		
1805		321	105, 861.00	30, 348.50	12, 078.00	780.00	
1806			419, 788.00	51, 531.00			
1807			525, 788.00	55, 160.75	16, 500.00		
1808			684, 300.00				
1809			702, 905.00		4, 471.00		
1810			638, 138.00		635.50		
1811			601, 822.00		6, 518.00		
1812			814, 029.50				
1813			620, 951.50				
1814			519, 537.50		42, 150.00		
1815				17, 308.00			
1816			23, 575.00	5, 000.75			
1817			607, 783.50				
1818			980, 161.00	90, 293.50			
1819			1, 104, 000.00	36, 000.00			
1820			375, 561.00	31, 861.00	94, 258.70		
1821			652, 898.50	54, 212.75	118, 651.20		
1822			779, 786.50	16, 020.00	10, 000.00		
1823			847, 100.00	4, 450.00	44, 000.00		
1824			1, 752, 477.00				
1825			1, 471, 583.00	42, 000.00	51, 000.00		
1826			2, 002, 090.00				
1827			2, 746, 700.00	1, 000.00	121, 500.00		
1828			1, 537, 600.00	25, 500.00	12, 500.00		
1829			1, 856, 078.00		77, 000.00	61, 500.00	
1830			2, 382, 400.00		51, 000.00	62, 000.00	
1831			2, 936, 830.00	99, 500.00	77, 135.00	62, 135.00	
1832			2, 398, 500.00	80, 000.00	52, 250.00	48, 250.00	
1833			2, 603, 000.00	39, 000.00	48, 500.00	68, 500.00	
1834			3, 206, 002.00	71, 500.00	63, 500.00	74, 000.00	
1835			2, 676, 003.00	488, 000.00	141, 000.00	138, 000.00	
1836		1, 000	3, 273, 100.00	118, 000.00	119, 000.00	95, 000.00	
1837			1, 814, 910.00	63, 100.00	104, 200.00	113, 800.00	
1838			1, 773, 000.00	208, 000.00	199, 250.00	112, 750.00	
1839		300	1, 667, 280.00	122, 786.50	105, 311.50	53, 457.50	
1840		61, 005	717, 504.00	47, 031.75	135, 858.00	67, 204.25	
1841		173, 000	155, 000.00	30, 000.00	162, 250.00	57, 500.00	
1842		184, 618	1, 006, 382.00	22, 000.00	188, 750.00	40, 750.00	
1843		165, 100	1, 922, 000.00	161, 400.00	137, 000.00	58, 250.00	
1844		20, 000	883, 000.00	105, 300.00	7, 250.00	21, 500.00	
1845		24, 500	294, 500.00	230, 500.00	175, 500.00	78, 200.00	
1846		110, 600	1, 105, 000.00	127, 500.00	3, 130.00	1, 350.00	
1847		140, 750	578, 000.00	183, 500.00	24, 500.00	63, 700.00	
1848		15, 000	290, 000.00	36, 500.00	45, 150.00	33, 400.00	
1849		62, 600	626, 000.00	85, 000.00	83, 900.00	65, 450.00	
1850		7, 500	113, 500.00	47, 700.00	193, 150.00	47, 750.00	
1851		1, 300	100, 375.00	40, 000.00	102, 650.00	39, 050.00	\$163, 422.00
1852		1, 100	38, 565.00	44, 265.00	153, 550.00	50, 025.00	559, 905.00
1853		40, 110	1, 766, 354.00	3, 813, 555.00	1, 217, 301.00	667, 251.00	342, 000.00
1854		33, 140	1, 491, 000.00	3, 095, 000.00	447, 000.00	287, 000.00	20, 130.00
1855		26, 000	379, 750.00	714, 250.00	207, 500.00	87, 500.00	4, 170.00
1856		63, 500	469, 000.00	1, 816, 000.00	578, 000.00	244, 000.00	43, 740.00
1857		94, 000	994, 000.00	2, 411, 000.00	558, 000.00	364, 000.00	31, 260.00
1858		2, 113, 000.00	1, 842, 000.00	1, 842, 000.00	154, 000.00	175, 000.00	48, 120.00
1859		256, 500	374, 000.00	336, 000.00	43, 000.00	17, 000.00	10, 950.00
1860		218, 930	151, 850.00	201, 350.00	60, 700.00	39, 950.00	8, 610.00
1861		78, 500	1, 444, 200.00	1, 213, 650.00	192, 400.00	164, 050.00	14, 940.00
1862		12, 090	126, 175.00	233, 137.50	84, 755.00	74, 627.50	10, 906.50
1863		27, 660	251, 830.00	48, 015.00	1, 446.00	923.00	643.80
1864		31, 170	189, 785.00	23, 517.50	3, 907.00	23, 50	14.10
1865		47, 000	255, 950.00	14, 825.00	1, 050.00	675.00	255.00
1866		49, 625	372, 812.50	4, 381.25	872.50	536.25	681.75
1867		60, 325	212, 162.50	5, 156.25	662.50	431.25	138.75
1868		182, 700	189, 100.00	7, 500.00	46, 625.00	4, 295.00	123.00
1869		424, 300	397, 950.00	4, 150.00	25, 660.00	10, 430.00	153.00
1870		433, 000	300, 450.00	21, 850.00	47, 150.00	26, 830.00	120.00
1871		1, 115, 760	582, 680.00	42, 808.00	75, 361.00	74, 443.00	127.80
1872		1, 106, 450	440, 775.00	45, 737.50	239, 645.00	147, 397.50	58.50
1873	\$397, 500	293, 600	1, 308, 750.00	371, 075.00	394, 710.00	35, 630.00	18.00

See footnote at end of table.

TABLE 8.—*Silver coinage of the Philadelphia Mint, by denomination and calendar year*<sup>1</sup>—Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1874	\$987, 800		\$1, 180, 150.00	\$117, 975.00	\$294, 070.00		
1875	218, 900		3, 013, 750.00	1, 073, 375.00	1, 035, 070.00		
1876	456, 150		4, 209, 575.00	4, 454, 287.50	1, 146, 115.00		
1877	3, 039, 710		4, 152, 255.00	2, 727, 927.50	731, 051.00		
1878	900	\$10, 509, 550	689, 200.00	565, 200.00	167, 880.00		
1879	1, 541	14, 807, 100	2, 950.00	3, 675.00	1, 510.00		
1880	1, 987	12, 601, 355	4, 877.50	3, 738.75	3, 735.50		
1881	960	9, 163, 975	5, 487.50	3, 243.75	2, 497.50		
1882	1, 097	11, 101, 100	2, 750.00	4, 075.00	391, 110.00		
1883	979	12, 291, 039	4, 519.50	3, 859.75	767, 571.20		
1884		14, 070, 875	2, 637.50	2, 218.75	336, 638.00		
1885		17, 787, 767	3, 065.00	3, 632.50	253, 342.70		
1886		19, 963, 886	2, 943.00	1, 471.50	637, 757.00		
1887		20, 290, 710	2, 855.00	2, 677.50	1, 128, 393.90		
1888		19, 183, 833	6, 416.50	2, 708.25	549, 648.70		
1889		21, 726, 811	6, 355.50	3, 177.75	738, 071.10		
1890		16, 802, 590	6, 295.00	20, 147.50	991, 154.10		
1891		8, 694, 206	100, 300.00	980, 150.00	1, 531, 060.00		
1892		1, 037, 245	942, 622.50	2, 059, 311.25	1, 212, 124.50		
1893		378, 792	2, 939, 448.50	1, 371, 209.50	334, 079.20		
1894		110, 972	574, 486.00	858, 243.00	133, 097.20		
1895		12, 880	917, 609.00	1, 110, 220.00	69, 088.00		
1896		9, 976, 762	475, 381.00	968, 690.50	200, 076.20		
1897		2, 822, 731	1, 240, 365.50	2, 035, 182.75	1, 086, 926.40		
1898		5, 884, 735	1, 478, 367.50	2, 775, 183.75	1, 632, 073.50		
1899		330, 846	2, 769, 423.00	3, 156, 211.50	1, 958, 084.60		
1900		8, 880, 938	2, 381, 456.00	2, 504, 228.00	1, 760, 091.20		
1901		6, 962, 813	2, 134, 406.50	2, 223, 203.25	1, 886, 047.80		
1902		7, 994, 777	2, 461, 388.50	3, 048, 436.00	2, 138, 077.70		
1903		4, 652, 755	1, 139, 377.50	2, 417, 516.00	1, 950, 075.50		
1904		2, 788, 650	1, 496, 335.00	2, 397, 203.25	1, 460, 102.70		
1905			331, 363.50	1, 242, 062.50	1, 455, 235.00		
1906			1, 319, 337.50	914, 108.75	1, 995, 840.60		
1907			1, 299, 287.50	1, 798, 143.75	2, 222, 057.50		
1908			677, 272.50	1, 058, 136.25	1, 060, 054.50		
1909			1, 184, 325.00	2, 317, 162.50	1, 024, 065.00		
1910			209, 275.50	561, 137.75	1, 152, 055.10		
1911			703, 271.50	930, 135.75	1, 887, 054.30		
1912			775, 350.00	1, 100, 175.00	1, 935, 070.00		
1913			94, 313.50	121, 153.25	1, 976, 062.20		
1914			62, 305.00	1, 561, 152.50	1, 736, 065.50		
1915			69, 225.00	870, 112.50	562, 045.00		
1916			304, 000.00	460, 000.00	4, 067, 000.00		
1917			6, 146, 000.00	5, 655, 000.00	5, 523, 000.00		
1918			3, 367, 029.00	3, 560, 000.00	2, 668, 000.00		
1919			481, 000.00	2, 831, 000.00	3, 574, 000.00		
1920			3, 311, 070.00	6, 965, 000.00	5, 903, 000.00		
1921	45, 696, 473		233, 062.50	479, 000.00	123, 000.00		
1922	51, 737, 000		50, 030.50				
1923	30, 800, 000			2, 429, 000.00	5, 013, 000.00		
1924	11, 811, 000		71, 040.00	2, 730, 000.00	2, 401, 000.00		
1925	10, 198, 000		1, 238, 404.00	3, 070, 000.00	2, 561, 000.00		
1926	1, 939, 000		524, 279.00	2, 829, 000.00	3, 216, 000.00		
1927	848, 000		20, 017.00	2, 978, 000.00	2, 808, 000.00		
1928	360, 649		30, 018.00	1, 584, 000.00	1, 948, 000.00		
1929				2, 785, 000.00	2, 597, 000.00		
1930				1, 408, 000.00	677, 000.00		
1931					315, 000.00		
1932				1, 351, 000.00			
1933							
1934	954, 057	3, 602, 067.50	7, 978, 013.00	2, 408, 000.00			
1935	1, 576, 000	4, 625, 036.00	8, 121, 000.00	5, 883, 000.00			
1936		6, 482, 058.00	10, 325, 959.25	8, 750, 413.00			
1937		4, 915, 828.50	4, 925, 385.50	5, 686, 575.60			
1938		2, 070, 087.00	2, 370, 011.25	2, 219, 872.80			
1939		3, 412, 958.00	8, 387, 198.75	6, 774, 932.10			
1940		4, 583, 630.50	8, 928, 811.50	6, 536, 182.70			
1941		12, 103, 706.00	19, 761, 821.75	17, 510, 655.70			
1942		23, 919, 560.00	25, 520, 280.75	20, 543, 232.90			
1943		26, 595, 000.00	24, 925, 000.00	19, 171, 000.00			
1944		14, 103, 000.00	26, 239, 000.00	23, 141, 000.00			
1945		15, 751, 000.00	18, 593, 000.00	15, 913, 000.00			
1946		6, 609, 301.50	13, 359, 000.00	25, 525, 000.00			
1947		2, 097, 008.50	5, 639, 000.00	12, 152, 000.00			
Total	5, 107, 521	423, 758, 122	256, 749, 252.00	294, 748, 700.50	266, 524, 244.20	\$3, 948, 791.90	\$1, 260, 487.20

<sup>1</sup> 20-cent silver coinage, 1875, \$7,940; 1876, \$3,180; 1877, \$102; 1878, \$120; total, \$11,342.

TABLE 9.—*Minor coinage of the Philadelphia Mint, by denomination and calendar year*

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793-1795				\$10,660.33	\$712.67
1796				9,747.00	577.40
1797				8,975.10	535.24
1798				9,797.00	
1799				9,045.85	60.83
1800				28,221.75	1,057.65
1801				13,628.37	
1802				34,351.00	71.83
1803				24,713.53	489.50
1804				7,568.38	5,276.56
1805				9,411.16	4,072.32
1806				3,480.00	1,780.00
1807				7,272.21	2,380.00
1808				11,090.00	2,000.00
1809				2,228.67	5,772.86
1810				14,585.00	1,075.00
1811				2,180.25	315.70
1812				10,755.00	
1813				4,180.00	
1814				3,578.30	
1815					
1816				28,209.82	
1817				39,484.00	
1818				31,670.00	
1819				26,710.00	
1820				44,075.50	
1821				3,890.00	
1822				20,723.39	
1823					
1824				12,620.00	
1825				14,611.00	315.00
1826				15,174.25	1,170.00
1827				23,577.32	
1828				22,606.24	3,030.00
1829				14,145.00	2,435.00
1830				17,115.00	
1831				33,592.60	11.00
1832				23,620.00	
1833				27,390.00	770.00
1834				18,551.00	600.00
1835				38,784.00	705.00
1836				21,110.00	1,990.00
1837				55,583.00	
1838				63,702.00	
1839				31,286.61	
1840				24,627.00	
1841				15,973.67	
1842				23,833.90	
1843				24,283.20	
1844				23,987.52	
1845				38,948.04	
1846				41,208.00	
1847				61,836.69	
1848				64,157.99	
1849				41,785.00	199.32
1850				44,268.44	199.06
1851				98,897.07	738.36
1852				50,630.94	
1853				66,411.31	648.47
1854				42,361.56	276.79
1855				15,748.29	282.50
1856				26,904.63	202.15
1857				177,834.56	175.90
1858				246,000.00	
1859				364,000.00	
1860				205,660.00	
1861				101,000.00	
1862				280,750.00	
1863				498,400.00	
1864			\$396,950.00	529,737.14	
1865	\$737,125.00	\$341,460.00	272,800.00	354,292.86	
1866		144,030.00	63,540.00	98,265.00	
1867	1,545,475.00	117,450.00	58,775.00	98,210.00	
1868	1,440,850.00	97,560.00	56,075.00	102,665.00	
1869	819,750.00	48,120.00	30,930.00	64,200.00	
1870	240,300.00	40,050.00	17,225.00	52,750.00	
1871	28,050.00	18,120.00	14,425.00	39,295.00	
1872	301,800.00	25,860.00	1,300.00	40,420.00	
1873	227,500.00	35,190.00		116,765.00	

TABLE 9.—*Minor coinage of the Philadelphia Mint, by denomination and calendar year—Continued*

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1874	\$176,900.00	\$23,700.00		\$141,875.00	
1875	104,850.00	6,840.00		135,280.00	
1876	126,500.00	4,860.00		79,440.00	
1877				8,525.00	
1878	117.50	70.50		57,998.50	
1879	1,455.00	1,236.00		162,312.00	
1880	997.75	748.65		389,649.55	
1881	3,618.75	32,417.25		392,115.75	
1882	573,830.00	759.00		385,811.00	
1883	1,148,471.05	318.27		455,981.09	
1884	563,697.10	169.26		232,617.42	
1885	73,824.50	143.70		117,653.84	
1886	166,514.50	128.70		176,542.90	
1887	763,182.60	235.83		452,264.83	
1888	536,024.15	1,232.49		374,944.14	
1889	794,068.05	646.83		488,693.61	
1890	812,963.60			571,828.54	
1891	841,717.50			470,723.50	
1892	584,982.10			376,498.32	
1893	668,509.75			466,421.95	
1894	270,656.60			167,521.32	
1895	498,994.20			383,436.36	
1896	442,146.00			390,572.93	
1897	1,021,436.75			504,663.30	
1898	626,604.35			495,230.79	
1899	1,301,451.55			536,000.31	
1900	1,362,799.75			668,337.64	
1901	1,324,010.65			796,111.43	
1902	1,574,028.95			873,767.22	
1903	1,400,336.25			850,914.93	
1904	1,070,249.20			613,280.15	
1905	1,491,363.80			807,191.63	
1906	1,930,686.25			960,222.55	
1907	1,960,740.00			1,081,386.18	
1908	1,134,308.85			323,279.87	
1909	579,526.30			1,150,682.63	
1910	1,508,467.65			1,468,012.18	
1911	1,977,968.60			1,011,777.87	
1912	1,311,835.70			681,530.60	
1913	3,042,611.95			765,323.52	
1914	1,033,286.90			752,384.32	
1915	1,049,363.50			290,921.20	
1916	3,174,903.30			1,318,336.77	
1917	2,571,201.45			1,964,297.85	
1918	1,604,315.70			2,881,046.34	
1919	3,043,400.00			3,920,210.00	
1920	3,154,650.00			3,101,650.00	
1921	533,150.00			391,570.00	
1922					
1923	1,785,750.00			747,230.00	
1924	1,081,000.00			751,780.00	
1925	1,778,255.00			1,399,490.00	
1926	2,234,650.00			1,570,880.00	
1927	1,899,050.00			1,444,400.00	
1928	1,170,550.00			1,341,160.00	
1929	1,822,300.00			1,852,620.00	
1930	1,142,450.00			1,574,150.00	
1931				193,960.00	
1932				90,620.00	
1933				143,600.00	
1934	1,010,650.15			2,190,800.00	
1935	2,913,200.00			2,453,880.00	
1936	5,950,071.00			3,096,375.69	
1937	3,974,288.45			3,091,793.20	
1938	975,768.25			1,566,967.34	
1939	6,031,376.75			3,164,795.20	
1940	8,824,957.00			5,868,258.72	
1941	10,164,186.00			8,870,391.00	
1942	5,385,960.00			6,578,286.00	
1943	13,558,250.00			6,846,286.70	
1944	5,957,500.00			14,354,000.00	
1945	5,970,405.00			10,405,150.00	
1946	8,055,800.00			9,916,550.00	
1947	4,750,000.00			1,905,550.00	
Total	151,713,986.60	941,349.48	\$912,020.00	131,438,648.12	\$39,926.11

TABLE 10.—*Coinage of the San Francisco Mint, by class and calendar year*<sup>1</sup>

Calendar year	Gold	Silver	Minor	Grand total
1854	\$4,084,207.00			\$4,084,207.00
1855	18,008,300.00	\$164,075.00		18,172,375.00
1856	25,306,400.00	184,000.00		25,490,400.00
1857	20,327,000.00	99,500.00		20,426,500.00
1858	17,158,200.00	274,250.00		17,432,450.00
1859	12,918,000.00	329,000.00		13,247,000.00
1860	11,178,000.00	264,000.00		11,442,000.00
1861	15,665,000.00	511,000.00		16,176,000.00
1862	17,275,960.00	710,825.00		17,986,785.00
1863	19,543,400.00	478,750.00		20,022,150.00
1864	15,917,640.00	361,500.00		16,279,140.00
1865	21,213,500.00	371,250.00		21,584,750.00
1866	17,362,000.00	553,500.00		17,915,500.00
1867	18,720,000.00	630,000.00		19,350,000.00
1868	17,230,000.00	644,000.00		17,874,000.00
1869	14,028,050.00	403,500.00		14,431,550.00
1870	19,848,000.00	507,000.00		20,355,000.00
1871	18,905,000.00	1,136,775.00		20,041,775.00
1872	16,000,000.00	380,600.00		16,380,600.00
1873	21,154,500.00	920,900.00		22,075,400.00
1874	24,460,000.00	2,868,000.00		27,328,000.00
1875	24,674,000.00	7,395,000.00		32,069,000.00
1876	32,022,500.00	10,682,000.00		42,704,500.00
1877	35,092,000.00	14,680,000.00		49,772,000.00
1878	36,209,500.00	13,977,000.00		50,186,500.00
1879	28,955,750.00	9,110,000.00		38,065,750.00
1880	28,527,000.00	8,900,000.00		37,427,000.00
1881	29,085,000.00	12,760,000.00		41,845,000.00
1882	28,665,000.00	9,250,000.00		37,915,000.00
1883	24,576,000.00	6,250,000.00		30,826,000.00
1884	20,447,500.00	3,256,496.90		23,703,996.90
1885	22,007,500.00	1,501,369.00		23,508,869.00
1886	24,600,000.00	770,652.40		25,370,652.40
1887	23,390,000.00	2,216,445.00		25,606,445.00
1888	25,148,500.00	1,133,000.00		26,281,500.00
1889	19,748,000.00	797,267.80		20,545,267.80
1890	16,055,000.00	8,372,680.60		24,427,680.60
1891	25,762,500.00	6,169,611.60		31,932,111.60
1892	21,250,000.00	2,054,604.75		23,304,604.75
1893	22,457,000.00	1,082,773.85		23,539,773.85
1894	21,500,500.00	3,946,552.65		25,447,052.65
1895	23,920,000.00	1,507,213.25		25,427,213.25
1896	30,093,000.00	5,674,989.35		35,767,989.35
1897	33,522,500.00	6,561,791.65		40,084,291.65
1898	63,226,500.00	5,706,673.70		68,933,173.70
1899	56,341,000.00	3,768,954.80		60,109,954.80
1900	51,645,000.00	5,801,634.25		57,446,634.25
1901	78,287,500.00	2,784,990.20		81,072,490.20
1902	44,462,500.00	2,848,448.00		47,310,988.00
1903	33,735,000.00	2,521,716.00		36,256,716.00
1904	103,168,500.00	2,660,519.00		105,829,019.00
1905	44,356,000.00	2,403,519.90		46,759,519.90
1906	48,875,000.00	1,183,741.00		50,058,741.00
1907	45,421,000.00	1,282,847.00		46,703,847.00
1908	1,448,500.00	1,340,414.00	\$11,150.00	2,800,064.00
1909	59,908,000.00	1,319,000.00	26,180.00	61,253,180.00
1910	54,526,000.00	1,098,000.00	60,450.00	55,684,450.00
1911	23,105,000.00	1,235,000.00	40,260.00	24,380,260.00
1912	4,960,000.00	1,204,000.00	56,210.00	6,220,210.00
1913	3,380,000.00	363,000.00	226,710.00	3,969,710.00
1914	33,355,000.00	772,000.00	214,870.00	34,341,870.00
1915	12,961,026.50	1,104,015.00	123,580.00	14,188,621.50
1916	18,505,000.00	1,881,000.00	818,100.00	21,204,100.00
1917		7,862,000.00	535,850.00	8,397,850.00
1918		9,839,000.00	590,900.00	10,429,900.00
1919		2,120,000.00	1,773,650.00	3,893,650.00
1920	12,425,000.00	5,289,000.00	946,650.00	18,660,650.00
1921		21,969,000.00	230,590.00	22,199,590.00
1922	53,160,000.00	17,475,000.00		70,635,000.00
1923		21,230,038.50	394,100.00	21,624,138.50
1924	58,550,000.00	3,155,000.00	188,810.00	61,893,810.00
1925	75,530,000.00	2,295,114.00	576,600.00	78,401,714.00
1926	40,830,000.00	7,857,027.50	94,000.00	48,781,027.50
1927	62,140,000.00	2,638,000.00	314,260.00	65,092,260.00
1928		4,003,000.00	519,460.00	4,522,460.00
1929		1,865,000.00	889,180.00	2,754,180.00
1930	2,440,000.00	573,300.00	514,610.00	3,527,910.00
1931		180,000.00	68,660.00	248,660.00
1932		102,000.00		102,000.00
1933		893,000.00		893,000.00
1934		2,837,000.00		2,837,000.00
1935		7,026,327.50	902,020.00	7,928,347.50

See footnote at end of table.

TABLE 10.—*Coinage of the San Francisco Mint, by class and calendar year<sup>1</sup>—Continued*

Calendar year	Gold	Silver	Minor	Grand total
1936	\$3,899,055.50	\$1,037,800.00		\$4,936,855.50
1937	2,441,259.50	626,750.00		3,068,009.50
1938	1,528,012.00	357,050.00		1,885,062.00
1939	2,989,555.00	852,200.00		3,841,755.00
1940	6,492,000.00	3,113,900.00		9,605,900.00
1941	12,378,000.00	3,095,850.00		15,473,850.00
1942	16,130,000.00	2,500,900.00		18,630,900.00
1943	18,190,000.00	7,118,500.00		25,308,500.00
1944	12,541,000.00	3,909,600.00		16,450,600.00
1945	13,521,000.25	4,764,650.00		18,285,650.25
1946	5,953,139.50	2,659,000.00		8,612,139.50
1947	4,917,008.50	2,226,000.00		7,143,008.50
Total	\$2,050,753,433.50	411,310,224.40	42,379,050.00	2,504,442,707.90

<sup>1</sup> Mint at San Francisco established under act of July 3, 1852.

TABLE 11.—*Gold coinage of the San Francisco Mint, by denomination and calendar year*

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1854		\$2,829,360	\$1,238,260	\$1,340		\$615.00	\$14,632
1855		17,593,500	90,000	305,000	\$19,800		
1856		23,795,000	680,000	525,500	103,500	177,800.00	24,600
1857		19,410,000	260,000	435,000	42,000	170,000.00	10,000
1858		16,934,200	118,000	93,000		3,000.00	10,000
1859		12,728,900	70,000	66,100		38,000.00	15,000
1860		10,899,000	50,000	106,000	21,000	89,000.00	13,000
1861		15,360,000	155,000	90,000		60,000.00	
1862		17,083,460	125,000	47,500		20,000.00	
1863		19,331,400	100,000	85,000		27,000.00	
1864		15,873,200	25,000	19,440			
1865		20,850,000	167,000	138,060		58,440.00	
1866		16,845,000	200,000	219,600		97,400.00	
1867		18,415,000	90,000	145,000		70,000.00	
1868		16,750,000	135,000	260,000		85,000.00	
1869		13,735,000	64,300	155,000		73,750.00	
1870		19,640,000	80,000	85,000		40,000.00	3,000
1871		18,560,000	165,000	125,000		55,000.00	
1872		15,600,000	173,000	182,000		45,000.00	
1873		20,812,000	120,000	155,000		67,500.00	
1874		24,280,000	100,000	80,000			
1875		24,600,000		45,000		29,000.00	
1876		31,940,000	50,000	20,000		12,500.00	
1877		34,700,000	170,000	133,500		88,500.00	
1878		34,780,000	261,000	723,500		445,000.00	
1879		24,476,000	2,240,000	2,131,000		108,750.00	
1880		16,720,000	5,062,500	6,744,500			
1881		14,540,000	9,700,000	4,845,000			
1882		22,500,000	1,320,000	4,845,000			
1883		23,780,000	350,000	416,000			
1884		18,320,000	1,242,500	885,000			
1885		13,670,000	2,280,000	6,057,500			
1886			8,260,000	16,340,000			
1887		5,660,000	8,170,000	9,560,000			
1888		17,192,000	6,487,000	1,469,500			
1889		15,494,000	4,254,000				
1890		16,055,000					
1891		25,762,500					
1892		18,603,000	1,155,000	1,492,000			
1893		19,923,500	1,413,500	1,120,000			
1894		20,971,000	250,000	279,500			
1895		22,870,000	490,000	560,000			
1896		28,078,500	1,237,500	777,000			
1897		29,405,000	2,347,500	1,770,000			
1898		51,503,500	4,736,000	6,987,000			
1899		40,206,000	8,410,000	7,725,000			
1900		49,190,000	810,000	1,645,000			
1901		31,920,000	28,127,500	18,240,000			
1902		35,072,500	4,695,000	4,695,000			
1903		19,080,000	5,380,000	9,275,000			
1904		102,683,500		485,000			
1905		36,260,000	3,692,500	4,403,500			
1906		41,315,000	4,570,000	2,990,000			
1907		43,316,000	2,105,000				
1908		440,000	598,500	410,000			
1909		55,498,500	2,923,500	1,486,000			
1910		42,565,000	8,110,000	3,851,000			
1911		15,515,000	510,000	7,080,000			
1912			3,000,000	1,960,000			
1913		680,000	660,000	2,040,000			
1914		29,960,000	2,080,000	1,315,000			
1915	\$150,950	11,350,000	590,000	820,000		25,042.50	25,034
1916		15,920,000	1,385,000	1,200,000			
1917-19							
1920		11,160,000	1,265,000				
1921		53,160,000					
1922							
1923							
1924		58,550,000					
1925		75,530,000					
1926		40,830,000					
1927		62,140,000					
1928-29							
1930		1,480,000	960,000				
Total	150,950	1,762,690,520	145,584,060	140,140,040	186,300	1,886,297.50	115,266

TABLE 12.—*Silver coinage of the San Francisco Mint, by denomination and calendar year*

Calendar year	Dollars	Trade dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes
1854			\$64,975.00	\$99,100.00			
1855			105,500.00	71,500.00		\$7,000.00	
1856			79,000.00	20,500.00			
1857			238,000.00	30,250.00		6,000.00	
1858			233,000.00	20,000.00		6,000.00	
1859	\$20,000		236,000.00	14,000.00		14,000.00	
1860			469,750.00	24,000.00		17,250.00	
1861			676,000.00	16,750.00		18,075.00	
1862			458,000.00			15,750.00	
1863			329,000.00	5,000.00		23,000.00	5,000
1864			337,500.00	10,250.00		17,500.00	4,500
1865			527,000.00	7,000.00		13,500.00	6,000
1866			598,000.00	12,000.00		14,000.00	6,000
1867			580,000.00	24,000.00		26,000.00	14,000
1868			328,000.00	19,000.00		45,000.00	11,500
1869			502,000.00			5,000.00	
1870			1,089,000.00	7,725.00		32,000.00	8,050
1871	9,000	\$703,000	290,000.00	20,750.00		19,000.00	41,850
1872	700		116,500.00	39,000.00		45,500.00	16,200
1873		2,549,000	197,000.00	98,000.00		24,000.00	
1874		4,487,000	1,600,000.00	170,000.00	\$231,000	907,000.00	
1875		5,227,000	2,264,000.00	2,149,000.00		1,042,000.00	
1876		9,519,000	2,678,000.00	2,249,000.00		234,000.00	
1877	9,774,000	4,162,000	6,000.00	35,000.00			
1878	9,110,000						
1879	8,900,000						
1880	12,760,000						
1881	9,250,000						
1882	6,250,000						
1883	3,200,000						
1884	1,497,000						
1885	750,000						
1886	1,771,000						
1887	657,000			304,000.00		172,000.00	
1888	700,000					97,267.80	
1889	8,230,373					142,307.60	
1890	5,296,000					319,611.60	
1891	1,200,000		514,514.00	241,019.75		99,071.00	
1892	100,000		370,000.00	363,633.75		249,140.10	
1893	1,260,000		2,024,345.00	662,205.25		2,40	
1894	400,000		554,043.00	441,170.25		112,000.00	
1895	5,000,000		570,471.00	47,009.75		57,505.60	
1896	5,825,000		465,950.00	135,557.25		134,284.40	
1897	4,102,000		1,179,275.00	255,148.00		170,250.70	
1898	2,562,000		843,205.50	177,000.00		186,749.30	
1899	3,540,000		1,280,161.00	464,646.25		516,827.00	
1900	2,284,000		423,522.00	18,166.00		59,302.20	
1901	1,530,000		730,335.00	381,153.00		207,000.00	
1902	1,241,000		960,386.00	259,000.00		61,330.00	
1903	2,304,000		276,519.00			80,000.00	
1904			1,247,000.00	471,000.00		685,519.90	
1905			870,077.00			313,664.00	
1906			625,000.00	340,000.00		317,847.00	
1907			822,414.00	196,000.00		322,000.00	
1908			882,000.00	337,000.00		100,000.00	
1909			974,000.00			124,000.00	
1910			636,000.00	247,000.00		352,000.00	
1911			685,000.00	177,000.00		342,000.00	
1912			302,000.00	10,000.00		51,000.00	
1913			496,000.00	66,000.00		210,000.00	
1914			832,015.00	176,000.00		96,000.00	
1915			254,000.00			1,627,000.00	
1916			3,253,000.00	1,876,000.00		2,733,000.00	
1917			5,141,000.00	2,768,000.00		1,930,000.00	
1918			776,000.00	459,000.00		885,000.00	
1919			2,312,000.00	1,595,000.00		1,382,000.00	
1920			274,000.00				
1921	21,695,000						
1922	17,475,000						
1923	19,020,000		1,226,038.50	340,000.00		644,000.00	
1924	1,728,000			715,000.00		712,000.00	
1925	1,610,000		100,114.00			585,000.00	
1926	6,980,000		50,027.50	675,000.00		152,000.00	
1927	866,000		1,196,000.00	99,000.00		477,000.00	
1928	1,632,000		970,000.00	661,000.00		740,000.00	
1929			951,000.00	441,000.00		473,000.00	
1930				389,000.00		184,300.00	

TABLE 12.—*Silver coinage of the San Francisco Mint, by denomination and calendar year—Continued*

Calendar year	Dollars	Trade dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes
1931						\$180,000.00	
1932				\$102,000.00			
1933			\$893,000.00				
1934	\$1,011,000		1,826,000.00				
1935	1,964,000		2,063,327.50	1,415,000.00		1,584,000.00	
1936			2,021,055.50	957,000.00		921,000.00	
1937			1,054,259.50	413,000.00		974,000.00	
1938			11,012.00	708,000.00		809,000.00	
1939			1,278,555.00	657,000.00		1,054,000.00	
1940			2,275,000.00	2,061,000.00		2,156,000.00	
1941			4,049,000.00	4,020,000.00		4,309,000.00	
1942			6,354,000.00	4,846,000.00		4,930,000.00	
1943			6,725,000.00	5,425,000.00		6,040,000.00	
1944			4,452,000.00	3,140,000.00		4,949,000.00	
1945			5,078,000.00	4,251,000.25		4,192,000.00	
1946			2,112,139.50	1,051,000.00		2,790,000.00	
1947			50,008.50	1,383,000.00		3,484,000.00	
Total	183,504,073	\$26,647,000	89,362,998.00	51,912,534.50	\$231,000	59,533,518.90	\$119,100

TABLE 13.—*Minor coinage of the San Francisco Mint, by denomination and calendar year*

Calendar year	5 cents	Cents	Calendar year	5 cents	Cents
1854-1907			1928	\$346,800	\$172,660
1908		\$11,150	1929	387,700	501,480
1909		26,180	1930	271,750	242,860
1910		60,450	1931	60,000	8,660
1911		40,260	1932-34		
1912	\$11,900	44,310	1935	515,000	387,020
1913	165,700	61,010	1936	746,500	291,300
1914	173,500	41,370	1937	281,750	345,000
1915	75,250	48,330	1938	205,250	151,800
1916	593,000	225,100	1939	331,500	520,700
1917	209,650	326,200	1940	1,984,500	1,129,400
1918	244,100	346,800	1941	2,172,250	923,600
1919	376,050	1,397,600	1942	1,645,000	855,900
1920	484,450	462,200	1943	5,203,000	1,915,500
1921	77,850	152,740	1944	1,082,000	2,827,600
1922			1945	2,946,950	1,817,700
1923	307,100	87,000	1946	678,000	1,981,000
1924	71,850	116,960	1947	1,236,000	990,000
1925	312,800	263,800	Total	23,417,150	18,961,900
1926	48,500	45,500			
1927	171,500	142,760			

TABLE 14.—*Coinage of the Denver Mint, by class, denomination and calendar year<sup>1</sup>*

Calendar year	Gold				Silver			
	Double eagles	Eagles	Half eagles	Quarter eagles	Dollars	Half dollars	Quarter dollars	Dimes
1906.....	\$12,405,000	\$9,810,000	\$1,600,000	-----	-----	\$2,014,000.00	\$820,000	\$406,000
1907.....	16,845,000	10,300,000	4,440,000	-----	-----	1,928,000.00	621,000	408,000
1908.....	20,265,000	10,465,000	740,000	-----	-----	1,640,000.00	1,447,000	749,000
1909.....	1,050,000	1,215,400	17,117,800	-----	-----	-----	1,278,500	95,400
1910.....	8,580,000	23,566,400	968,000	-----	-----	-----	375,000	349,000
1911.....	16,930,000	301,000	362,500	\$139,200	-----	347,540.00	233,400	1,120,900
1912.....	-----	-----	-----	-----	-----	1,150,400.00	-----	1,176,000
1913.....	7,870,000	-----	-----	-----	-----	267,000.00	362,700	-----
1914.....	9,060,000	3,435,000	1,235,000	1,120,000	-----	-----	761,500	1,190,800
1915.....	-----	-----	-----	-----	-----	585,200.00	923,500	-----
1916.....	-----	-----	-----	-----	-----	507,200.00	1,635,200	26,400
1917.....	-----	-----	-----	-----	-----	1,352,700.00	1,933,400	940,200
1918.....	-----	-----	-----	-----	-----	1,926,520.00	1,845,000	2,267,480
1919.....	-----	-----	-----	-----	-----	582,500.00	486,000	993,900
1920.....	-----	-----	-----	-----	-----	775,500.00	896,600	1,917,100
1921.....	-----	-----	-----	-----	\$20,345,000	104,000.00	-----	108,000
1922.....	-----	-----	-----	15,063,000	-----	-----	-----	-----
1923.....	34,045,000	-----	-----	6,811,000	-----	-----	-----	-----
1924.....	60,990,000	-----	-----	-----	-----	778,000	681,000	-----
1925.....	58,770,000	-----	-----	1,445,000	-----	-----	-----	511,700
1926.....	9,620,000	-----	-----	-----	2,348,700	-----	429,000	682,800
1927.....	3,600,000	-----	-----	-----	1,268,900	-----	244,100	481,200
1928.....	-----	-----	-----	-----	-----	-----	406,900	416,100
1929.....	-----	-----	-----	-----	-----	500,600.00	339,500	503,400
1930.....	-----	-----	-----	-----	-----	-----	-----	-----
1931.....	2,130,000	-----	-----	-----	-----	-----	-----	126,000
1932.....	-----	-----	-----	-----	-----	109,200	-----	-----
1933.....	-----	-----	-----	-----	-----	2,625.00	-----	-----
1934.....	-----	-----	-----	-----	1,569,500	1,184,203.00	881,800	677,200
1935.....	-----	-----	-----	-----	-----	1,513,160.00	1,445,000	1,047,700
1936.....	-----	-----	-----	-----	-----	2,242,769.00	1,343,500	1,613,200
1937.....	-----	-----	-----	-----	-----	854,512.50	1,797,400	1,414,600
1938.....	-----	-----	-----	-----	-----	256,810.00	-----	553,700
1939.....	-----	-----	-----	-----	-----	2,136,454.00	1,773,000	2,439,400
1940.....	-----	-----	-----	-----	-----	5,624,200.00	699,400	2,119,800
1941.....	-----	-----	-----	-----	-----	5,486,900.00	4,371,800	4,563,400
1942.....	-----	-----	-----	-----	-----	5,673,000.00	4,023,900	6,074,000
1943.....	-----	-----	-----	-----	-----	4,884,500.00	3,650,200	6,222,400
1944.....	-----	-----	-----	-----	-----	4,983,400.00	3,085,400	4,024,500
1945.....	-----	-----	-----	-----	-----	1,175,606.50	2,268,200	6,104,350
1946.....	-----	-----	-----	-----	-----	2,000,308.50	3,834,600	4,683,500
Total.....	262,160,000	59,092,800	26,463,300	2,704,200	47,406,100	51,699,608.50	49,278,400	63,883,030

See footnote at end of table.

TABLE 14.—*Coinage of the Denver Mint, by class, denomination, and calendar year—Continued<sup>1</sup>*

Calendar year	Minor		Totals by classes			Grand total
	5 cents	Cents	Gold	Silver	Minor	
1906			\$23,815,000	\$3,240,000.00		\$27,055,000.00
1907			31,585,000	2,957,000.00		34,542,000.00
1908			31,470,000	3,836,000.00		35,306,000.00
1909			19,383,200	1,373,900.00		20,757,100.00
1910			33,114,400	724,000.00		33,838,400.00
1911		\$126,720	17,732,700	1,701,840.00	\$126,720	19,561,260.00
1912	\$423,700	104,110		2,326,400.00	527,810	2,854,210.00
1913	474,650	158,040	7,870,000	629,700.00	632,690	9,132,390.00
1914	195,600	11,930	14,850,000	1,952,300.00	207,530	17,009,830.00
1915	378,475	220,500		1,508,700.00	598,975	2,107,675.00
1916	666,650	359,560		2,168,800.00	1,026,210	3,195,010.00
1917	495,540	551,200		4,226,300.00	1,046,740	5,273,040.00
1918	418,100	478,300		6,039,000.00	896,400	6,935,400.00
1919	400,300	571,540		2,062,400.00	971,840	3,034,240.00
1920	470,900	492,800		3,589,200.00	963,700	4,552,900.00
1921			20,557,000.00			20,557,000.00
1922		71,600		15,063,000.00	71,600	15,134,600.00
1923			34,045,000	6,811,000.00		40,856,000.00
1924	262,900	25,200	60,990,000	1,459,000.00	288,100	62,737,100.00
1925	222,500	225,800	60,215,000	511,700.00	448,300	61,175,000.00
1926	281,900	280,200	9,620,000	3,460,500.00	562,100	13,642,600.00
1927	286,500	271,700	3,600,000	1,994,200.00	558,200	6,152,400.00
1928	321,800	311,700		823,000.00	633,500	1,456,500.00
1929	418,500	417,300		1,343,500.00	835,800	2,179,300.00
1930		401,000			401,000	401,000.00
1931		44,800	2,130,000	126,000.00	44,800	2,300,800.00
1932		105,000		109,200.00	105,000	214,200.00
1933		62,000		2,625.00	62,000	64,625.00
1934	374,000	284,460		4,312,703.00	658,460	4,971,163.00
1935	604,600	470,000		4,005,860.00	1,074,600	5,080,460.00
1936	1,240,700	406,200		5,199,469.00	1,646,900	6,846,369.00
1937	891,300	504,300		4,066,512.50	1,395,600	5,462,112.50
1938	619,800	200,100		810,510.00	819,900	1,630,410.00
1939	175,700	151,600		6,348,854.00	327,300	6,676,154.00
1940	2,177,000	813,900		2,819,200.00	2,990,900	5,810,100.00
1941	2,671,600	1,287,000		14,366,300.00	3,958,600	18,324,900.00
1942	696,900	2,066,980		15,932,700.00	2,763,880	18,696,580.00
1943	764,700	2,176,600		16,891,800.00	2,941,300	19,833,100.00
1944	1,615,450	4,305,780		14,757,100.00	5,921,230	20,678,330.00
1945	1,857,900	2,262,680		12,093,300.00	4,120,580	16,213,880.00
1946	2,264,610	3,156,900		9,548,156.50	5,421,510	14,969,666.50
1947	1,891,100	1,917,500		10,518,408.50	3,838,600	14,357,008.50
Total	23,563,375	25,325,000	350,420,300	212,267,138.50	48,888,375	611,575,813.50

<sup>1</sup> Mint at Denver established under act of Apr. 21, 1862.

TABLE 15.—*Coinage of the New Orleans Mint, by class, denomination, and calendar year<sup>1</sup>*

Calendar year	Gold						Silver
	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars	Dollars
1838							
1839							
1840							
1841	\$25,000	152,000	41,750		65,500.00		
1842	274,000	82,000			18,450.00		
1843	1,751,620	505,375			49,500.00		
1844	1,187,000	1,823,000			920,005.00		
1845	475,000	205,000					
1846	817,800	290,000					
1847	5,715,000	60,000			165,000.00		
1848	358,500				310,000.00		
1849	239,000						
1850	\$2,820,000	575,000			210,000.00	14,000	40,000
1851	6,300,000	2,630,000	205,000		370,000.00	290,000	
1852	3,800,000	180,000			350,000.00	140,000	
1853	1,420,000	510,000				290,000	
1854	65,000	525,000	230,000	\$72,000	382,500.00		
1855	160,000	180,000	55,500			55,000	
1856	45,000	145,000	50,000			52,750.00	
1857	600,000	55,000	65,000			85,000.00	
1858	705,000	200,000					
1859	182,000	23,000					
1860	132,000	111,000					
1861	100,000						
1879	46,500	15,000					
1880		92,000					
1881		83,500					
1882		108,200					
1883		8,000					
1884							
1885							
1886							
1887							
1888		213,350					
1889							
1890							
1891							
1892		286,880	50,000				
1893		170,000	550,000				
1894		1,075,000	83,000				
1895		980,000					
1896							
1897		425,000					
1898							
1899		370,470					
1900							
1901		720,410					
1902							
1903		1,127,710					
1904		1,089,500					
1905							
1906		868,950					
1907							
1908							
1909			171,000				
Total	16,375,500	23,610,890	4,618,625	72,000	3,023,157.50	1,004,000	187,111,529

See footnote at end of table.

TABLE 15.—*Coinage of the New Orleans Mint, by class, denomination, and calendar year*<sup>1</sup>—Continued

Calendar year	Silver					Totals by classes		Grand total
	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents	Gold	Silver	
1838			\$40, 243. 40				\$40, 243. 40	\$40, 243. 40
1839	\$81, 488		124, 327. 20	\$54, 827. 50		\$44, 452. 50	260, 642. 70	305, 095. 20
1840	427, 550	\$106, 300	117, 500. 00	46, 750. 00		217, 500. 00	698, 100. 00	915, 600. 00
1841	200, 500	113, 000	200, 750. 00	40, 750. 00		85, 200. 00	555, 000. 00	640, 200. 00
1842	478, 500	192, 250	202, 000. 00	17, 500. 00		405, 500. 00	890, 250. 00	1, 295, 750. 00
1843	1, 134, 000	242, 000	15, 000. 00			3, 177, 000. 00	1, 394, 000. 00	4, 568, 000. 00
1844	1, 002, 500	185, 000		11, 000. 00		3, 010, 000. 00	1, 198, 500. 00	4, 208, 500. 00
1845	1, 047, 000		23, 000. 00			680, 000. 00	1, 070, 000. 00	1, 750, 000. 00
1846	1, 152, 000					1, 272, 800. 00	1, 211, 000. 00	2, 483, 800. 00
1847	1, 292, 000	92, 000				6, 085, 000. 00	1, 384, 000. 00	7, 469, 000. 00
1848	1, 590, 000			30, 000. 00		358, 500. 00	1, 620, 000. 00	1, 978, 500. 00
1849	1, 155, 000		30, 000. 00	7, 000. 00		454, 000. 00	1, 192, 000. 00	1, 646, 000. 00
1850	1, 228, 000	103, 000	51, 000. 00	34, 500. 00		3, 619, 000. 00	1, 456, 500. 00	5, 075, 500. 00
1851	201, 000	22, 000	40, 000. 00	43, 000. 00	\$21, 600	9, 795, 000. 00	327, 600. 00	10, 122, 600. 00
1852	72, 000	24, 000	43, 000. 00	13, 000. 00		4, 470, 000. 00	152, 000. 00	4, 622, 000. 00
1853	664, 000	333, 000	110, 000. 00	118, 000. 00		2, 220, 000. 00	1, 225, 000. 00	3, 445, 000. 00
1854	2, 620, 000	371, 000	177, 000. 00	78, 000. 00		1, 274, 500. 00	3, 246, 000. 00	4, 520, 500. 00
1855	1, 844, 000	44, 000		30, 000. 00		450, 500. 00	1, 918, 000. 00	2, 368, 500. 00
1856	1, 329, 000	242, 000	118, 000. 00	55, 000. 00		292, 750. 00	1, 744, 000. 00	2, 036, 750. 00
1857	409, 000	295, 000	154, 000. 00	69, 000. 00		805, 000. 00	927, 000. 00	1, 732, 000. 00
1858	3, 647, 000	130, 000	29, 000. 00	83, 000. 00		905, 000. 00	3, 889, 000. 00	4, 794, 000. 00
1859	1, 417, 000	65, 000	48, 000. 00	28, 000. 00		205, 000. 00	1, 918, 000. 00	2, 123, 000. 00
1860	645, 000	97, 000	4, 000. 00	53, 000. 00		243, 000. 00	1, 314, 000. 00	1, 557, 000. 00
1861	165, 000					100, 000. 00	165, 000. 00	265, 000. 00
1879						61, 500. 00	2, 887, 000. 00	2, 948, 500. 00
1880						92, 000. 00	5, 305, 000. 00	5, 397, 000. 00
1881						83, 500. 00	5, 708, 000. 00	5, 791, 500. 00
1882						108, 200. 00	6, 090, 000. 00	6, 198, 200. 00
1883						8, 000. 00	8, 725, 000. 00	8, 733, 000. 00
1884							9, 730, 000. 00	9, 730, 000. 00
1885							9, 185, 000. 00	9, 185, 000. 00
1886							10, 710, 000. 00	10, 710, 000. 00
1887							11, 550, 000. 00	11, 550, 000. 00
1888						213, 350. 00	12, 150, 000. 00	12, 363, 350. 00
1889							11, 875, 000. 00	11, 875, 000. 00
1890							10, 701, 000. 00	10, 701, 000. 00
1891		17, 000	454, 000. 00				8, 425, 529. 00	8, 425, 529. 00
1892	195, 000	660, 000	384, 170. 00			336, 880. 00	3, 983, 170. 00	4, 320, 050. 00
1893	694, 500	849, 000	176, 000. 00			720, 000. 00	2, 019, 500. 00	2, 739, 500. 00
1894	1, 069, 000	713, 000	72, 000. 00			1, 158, 000. 00	3, 577, 000. 00	4, 735, 000. 00
1895	883, 000	704, 000	44, 000. 00			980, 000. 00	2, 081, 000. 00	3, 061, 000. 00
1896	462, 000	371, 000	61, 000. 00				5, 794, 000. 00	5, 794, 000. 00
1897	316, 000	353, 700	66, 600. 00			425, 000. 00	4, 740, 300. 00	5, 165, 300. 00
1898	437, 000	467, 000	213, 000. 00				5, 557, 000. 00	5, 557, 000. 00
1899	862, 000	661, 000	265, 000. 00			370, 470. 00	14, 078, 000. 00	14, 448, 470. 00
1900	1, 372, 000	854, 000	201, 000. 00				15, 017, 000. 00	15, 017, 000. 00
1901	562, 000	403, 000	562, 000. 00			720, 410. 00	14, 847, 000. 00	15, 567, 410. 00
1902	1, 263, 000	1, 187, 000	450, 000. 00				11, 536, 000. 00	11, 536, 000. 00
1903	1, 050, 000	875, 000	818, 000. 00			1, 127, 710. 00	7, 193, 000. 00	8, 320, 710. 00
1904	558, 800	614, 000				1, 089, 500. 00	4, 892, 800. 00	5, 952, 300. 00
1905	252, 500	307, 500	340, 000. 00				900, 000. 00	900, 000. 00
1906	1, 223, 000	514, 000	261, 000. 00			868, 950. 00	1, 998, 000. 00	2, 866, 950. 00
1907	1, 973, 300	1, 140, 000	505, 800. 00				3, 619, 100. 00	3, 619, 100. 00
1908	2, 680, 000	1, 561, 000	178, 900. 00				4, 419, 900. 00	4, 419, 900. 00
1909	462, 700	178, 000	228, 700. 00			171, 000. 00	869, 400. 00	1, 040, 400. 00
Total	40, 117, 338	15, 085, 750	6, 807, 990. 60	812, 327. 50	21, 600	48, 704, 172. 50	249, 956, 535. 10	298, 660, 707. 60

<sup>1</sup> Mint at New Orleans established under act of Mar. 3, 1835. First coinage in 1838; suspended 1861; reopened 1879; coinage discontinued in April 1909. Operated as an assay office until June 30, 1942.

TABLE 16.—*Coinage of the Carson City Mint, by class, denomination, and calendar year<sup>1</sup>*

Calendar year	Gold			Silver	
	Double eagles	Eagles	Half eagles	Dollars	Trade dollars
1870.....	\$75,780	\$59,080	\$38,375	\$12,462	-----
1871.....	293,740	71,850	103,850	1,376	-----
1872.....	593,000	55,000	84,900	3,150	-----
1873.....	448,200	45,430	37,080	2,300	\$124,500
1874.....	2,301,700	167,670	105,990	-----	1,373,200
1875.....	2,223,020	77,150	59,140	-----	1,573,700
1876.....	2,768,820	46,960	34,435	-----	509,000
1877.....	851,300	33,320	43,400	-----	534,000
1878.....	263,600	32,440	45,270	2,212,000	97,000
1879.....	214,160	17,620	86,405	756,000	-----
1880.....	-----	111,900	255,085	591,000	-----
1881.....	-----	240,150	69,430	296,000	-----
1882.....	782,800	67,640	414,085	1,133,000	-----
1883.....	1,199,240	120,000	64,790	1,204,000	-----
1884.....	1,622,780	99,250	82,010	1,136,000	-----
1885.....	189,000	-----	-----	228,000	-----
1886-1888.....	-----	-----	-----	-----	-----
1889.....	618,900	-----	-----	350,000	-----
1890.....	1,824,180	175,000	269,000	2,309,041	-----
1891.....	100,000	1,037,320	1,040,000	1,618,000	-----
1892.....	545,300	400,000	414,840	1,352,000	-----
1893.....	368,040	140,000	300,000	677,000	-----
Total.....	17,283,560	2,997,780	3,548,085	13,881,329	4,211,400

Calendar year	Silver				Total, by classes		Grand total
	Half dollars	Quarter dollars	Twenty cents	Dimes	Gold	Silver	
1870.....	\$27,308.50	\$2,085.00	-----	-----	\$173,235	\$41,855.50	\$215,090.50
1871.....	69,975.00	2,722.50	-----	\$2,010.00	469,440	76,053.50	545,523.50
1872.....	136,000.00	2,275.00	-----	2,400.00	732,900	143,825.00	876,725.00
1873.....	168,530.00	4,115.50	-----	3,119.10	530,710	302,564.60	833,274.60
1874.....	29,500.00	-----	1,081.70	2,575,360	1,403,781.70	3,979,141.70	-----
1875.....	504,000.00	35,000.00	\$26,658	464,500.00	2,359,310	2,603,858.00	4,963,168.00
1876.....	978,000.00	1,236,000.00	2,000	827,000.00	2,850,215	3,552,000.00	6,402,215.00
1877.....	710,000.00	1,048,000.00	-----	770,000.00	928,020	3,062,000.00	3,990,020.00
1878.....	31,000.00	249,000.00	-----	20,000.00	341,310	2,609,000.00	2,950,310.00
1879.....	-----	-----	-----	318,185	756,000.00	-----	1,074,185.00
1880.....	-----	-----	-----	366,985	591,000.00	-----	957,985.00
1881.....	-----	-----	-----	309,580	296,000.00	-----	605,580.00
1882.....	-----	-----	-----	1,264,525	1,133,000.00	-----	2,397,525.00
1883.....	-----	-----	-----	1,384,030	1,204,000.00	-----	2,588,030.00
1884.....	-----	-----	-----	1,804,040	1,136,000.00	-----	2,940,040.00
1885.....	-----	-----	-----	189,000	228,000.00	-----	417,000.00
1886.....	-----	-----	-----	-----	-----	-----	-----
1887.....	-----	-----	-----	-----	-----	-----	-----
1888.....	-----	-----	-----	618,900	350,000.00	-----	968,900.00
1889.....	-----	-----	-----	2,268,180	2,309,041.00	-----	4,577,221.00
1890.....	-----	-----	-----	2,177,320	1,618,000.00	-----	3,795,320.00
1891.....	-----	-----	-----	1,360,140	1,352,000.00	-----	2,712,140.00
1892.....	-----	-----	-----	808,040	677,000.00	-----	1,485,040.00
Total.....	2,654,313.50	2,579,198.00	28,658	2,090,110.80	23,829,425	25,445,009.30	49,274,434.30

<sup>1</sup> Mint at Carson City established in 1870; coinage discontinued from 1886 until October 1889; coinage again discontinued in May 1893. Operated as an assay office until June 30, 1933.

TABLE 17.—*Coinage of the Charlotte, N. C., Mint, by class, denomination, and calendar year<sup>1</sup>*

Calendar year	Gold			
	Half eagles	Quarter eagles	Dollars	Total
1838.	\$64,565	\$19,770.00		\$84,335.00
1839.	117,335	45,432.50		162,767.50
1840.	95,140	32,095.00		127,235.00
1841.	107,555	25,742.50		133,297.50
1842.	137,400	16,842.50		154,242.50
1843.	221,765	65,240.00		287,005.00
1844.	118,155	29,055.00		147,210.00
1845.				
1846.	64,975	12,020.00		76,995.00
1847.	420,755	58,065.00		478,820.00
1848.	322,360	41,970.00		364,330.00
1849.	324,115	25,550.00	\$11,634	361,299.00
1850.	317,955	22,870.00	6,966	347,791.00
1851.	245,880	37,307.50	41,267	324,454.50
1852.	362,870	24,430.00	9,434	396,734.00
1853.	327,855		11,515	339,370.00
1854.	196,455	18,237.50	4	214,696.50
1855.	198,940	9,192.50	9,803	217,935.50
1856.	142,285	19,782.50		162,067.50
1857.	156,800		13,280	170,080.00
1858.	194,280	22,640.00		216,920.00
1859.	159,235		5,225	164,470.00
1860.	74,065	18,672.50		92,737.50
1861.	34,395			34,395.00
Total.	4,405,135	544,915.00	109,138	5,059,188.00

<sup>1</sup> Mint at Charlotte established under act of Mar. 3, 1835, for coinage of gold only. Coinage discontinued in 1861. Operated as an assay office from 1867 until June 30, 1913.

TABLE 18.—*Coinage of the Dahlonega, Ga., Mint, by class, denomination, and calendar year<sup>1</sup>*

Calendar year	Gold				
	Half eagles	3 dollars	Quarter eagles	Dollars	
1838.	\$102,915				\$102,915.00
1839.	94,695		\$34,185.00		128,880.00
1840.	114,480		8,830.00		123,310.00
1841.	152,475		10,410.00		162,885.00
1842.	298,040		11,607.50		309,647.50
1843.	492,260		90,522.50		582,782.50
1844.	444,910		43,330.00		488,240.00
1845.	453,145		48,650.00		501,795.00
1846.	401,470		48,257.50		449,727.50
1847.	322,025		39,460.00		361,485.00
1848.	237,325		34,427.50		271,752.50
1849.	195,180		27,362.50	\$21,588	244,130.50
1850.	219,750		30,370.00	8,382	258,502.00
1851.	313,550		28,160.00	9,882	351,592.00
1852.	457,260		10,195.00	6,360	473,815.00
1853.	448,390		7,945.00	6,583	462,918.00
1854.	282,065	\$3,360	4,400.00	2,935	292,760.00
1855.	112,160		2,807.50	1,811	116,778.50
1856.	98,930		2,185.00	1,460	102,575.00
1857.	85,230		5,910.00	3,533	94,673.00
1858.	76,810			3,477	80,287.00
1859.	51,830		5,610.00	4,952	62,392.00
1860.	73,175			1,566	74,741.00
1861.	7,985				7,985.00
Total.	5,536,055	3,360	494,625.00	72,529	6,106,569.00

<sup>1</sup> Mint at Dahlonega established under act of Mar. 3, 1835, for coinage of gold only. Coinage discontinued in 1861.

TABLE 19.—*Commemorative coinage, by name, denomination, mint, number coined, and calendar year*

[See table 1 for authorizing acts, standard weights and finesses. All commemorative coins listed below are silver except as otherwise indicated in Denomination column]

Calen- dar year	Commemorative coin	Denomination	Coinage mint	Number coined
1892	Columbian Exposition	Half dollar	Philadelphia	950,000
1893	do	do	do	4,052,105
1893	do	Quarter dollar	do	40,023
1900	Lafayette	Dollar	do	50,026
1902	Louisiana Purchase Exposition	Dollar (gold)	do	75,080
1903	do	do	do	175,178
1904	Lewis and Clark Exposition	do	do	25,028
1905	do	do	do	35,041
1915	Panama-Pacific International Exposition	50 dollars (gold)	San Francisco	1,1,509
1915	do	do	do	2,1,510
1915	do	Quarter eagle (gold)	do	10,017
1915	do	Dollar (gold)	do	25,034
1915	do	Half dollar	do	60,030
1916	McKinley Memorial	Dollar (gold)	Philadelphia	20,026
1917	do	do	do	10,014
1918	Illinois Centennial	Half dollar	do	100,058
1920	Maine Centennial	do	do	50,028
1920	Landing of the Pilgrims, Tercentennial	do	do	200,112
1921	do	do	do	100,053
1921	Missouri Centennial	do	do	50,028
1921	Alabama Centennial	do	do	70,044
1922	Grant Memorial	Dollar (gold)	do	10,016
1922	do	Half dollar	do	100,061
1923	Monroe Doctrine Centennial	do	San Francisco	274,077
1924	Huguenot-Walloon Tercentenary	do	Philadelphia	142,080
1925	Stone Mountain	do	do	2,314,709
1925	Battle Lexington-Concord	do	do	162,099
1925	California Diamond Jubilee	do	San Francisco	150,200
1925	Fort Vancouver	do	do	50,028
1926	Signing of Declaration of Independence, Ses- quicentennial	Quarter eagle (gold)	Philadelphia	200,226
1926	do	Half dollar	do	1,000,528
1926	Oregon Trail	do	do	48,030
1926	do	do	San Francisco	100,055
1927	Battle of Bennington	do	do	40,034
1928	Oregon Trail	do	do	50,028
1928	Hawaiian Discovery	do	do	10,008
1933	Oregon Trail	do	Denver	5,250
1934	do	do	do	7,006
1934	Texas Centennial	do	Philadelphia	205,113
1934	Daniel Boone Bicentennial	do	do	10,007
1934	Maryland Tercentennial	do	do	25,015
1935	Arkansas Centennial	do	do	13,012
1935	do	do	San Francisco	5,506
1935	do	do	Denver	5,505
1935	Daniel Boone Bicentennial	do	Philadelphia	20,018
1935	do	do	San Francisco	7,009
1935	do	do	Denver	7,008
1935	Connecticut Tercentennial	do	Philadelphia	25,018
1935	City of Hudson, N. Y.	do	do	10,008
1935	Old Spanish Trail	do	do	10,008
1935	Texas Centennial	do	do	10,008
1935	do	do	San Francisco	10,008
1935	do	do	Denver	10,007
1935	California-Pacific Exposition, San Diego	do	San Francisco	250,132
1936	Albany, N. Y., two hundred and fiftieth anni- versary	do	Philadelphia	25,013
1936	Arkansas Centennial	do	do	10,010
1936	do	do	San Francisco	10,012
1936	do	do	Denver	10,010
1936	San Francisco-Oakland Bay Bridge	do	San Francisco	100,055
1936	Bridgeport, Conn., Centennial	do	Philadelphia	25,015
1936	California-Pacific Exposition, San Diego	do	Denver	180,092
1936	Cincinnati Music Center	do	Philadelphia	5,005
1936	do	do	San Francisco	5,006
1936	do	do	Denver	5,005
1936	Great Lakes Exposition, Cleveland, Centennial	do	Philadelphia	25,015

<sup>1</sup> Octagonal.<sup>2</sup> Round.

TABLE 19.—*Commemorative coinage, by name, denomination, mint, number coined, and calendar year—Continued*

Calen- dar year	Commemorative coin	Denomination	Colnage mint	Number coined
1936	Columbia, S. C., Sesquicentennial.....	Half dollar.....	Philadelphia.....	9,007
1936	.....do.....	.....do.....	San Francisco.....	8,007
1936	.....do.....	.....do.....	Denver.....	8,009
1936	Daniel Boone Bicentennial.....	.....do.....	Philadelphia.....	12,012
1936	.....do.....	.....do.....	San Francisco.....	5,006
1936	.....do.....	.....do.....	Denver.....	5,005
1936	Elgin, Ill., Centennial.....	.....do.....	Philadelphia.....	25,015
1936	Long Island Tercentennial.....	.....do.....	.....do.....	100,053
1936	Lynchburg, Va., Sesquicentennial.....	.....do.....	.....do.....	20,013
1936	Oregon Trail.....	.....do.....	.....do.....	10,006
1936	.....do.....	.....do.....	San Francisco.....	5,006
1936	Providence, R. I., Tercentennial.....	.....do.....	Philadelphia.....	20,013
1936	.....do.....	.....do.....	San Francisco.....	15,011
1936	.....do.....	.....do.....	Denver.....	15,010
1936	Texas Centennial.....	.....do.....	Philadelphia.....	10,008
1936	.....do.....	.....do.....	San Francisco.....	10,008
1936	.....do.....	.....do.....	Denver.....	10,007
1936	Wisconsin Centennial.....	.....do.....	Philadelphia.....	25,015
1936	York County, Maine, Tercentennial.....	.....do.....	.....do.....	25,015
1937	Battle of Antietam, seventy-fifth anniversary.....	.....do.....	.....do.....	50,028
1937	Arkansas Centennial.....	.....do.....	.....do.....	30,770
1937	.....do.....	.....do.....	San Francisco.....	5,506
1937	.....do.....	.....do.....	Denver.....	5,505
1937	Great Lakes Exposition, Cleveland Centennial.....	.....do.....	Philadelphia.....	25,015
1937	Daniel Boone Bicentennial.....	.....do.....	.....do.....	15,010
1937	.....do.....	.....do.....	San Francisco.....	5,006
1937	.....do.....	.....do.....	Denver.....	7,506
1937	Battle of Gettysburg, seventy-fifth anniversary.....	.....do.....	Philadelphia.....	50,028
1937	New Rochelle, N. Y., two hundred and fiftieth anniversary.....	.....do.....	.....do.....	25,015
1937	Norfolk, Va., Tercentennial of land grant and bicentennial of city.....	.....do.....	.....do.....	25,013
1937	Oregon Trail.....	.....do.....	Denver.....	12,008
1937	Roanoke Island, N. C., three hundred and fiftieth anniversary.....	.....do.....	Philadelphia.....	50,030
1937	Swedes' Landing in Delaware, Tercentennial.....	.....do.....	.....do.....	25,015
1937	Texas Centennial.....	.....do.....	.....do.....	8,005
1937	.....do.....	.....do.....	San Francisco.....	8,007
1937	.....do.....	.....do.....	Denver.....	8,006
1938	Arkansas Centennial.....	.....do.....	Philadelphia.....	6,006
1938	.....do.....	.....do.....	San Francisco.....	6,006
1938	.....do.....	.....do.....	Denver.....	6,005
1938	Daniel Boone Bicentennial.....	.....do.....	Philadelphia.....	5,005
1938	.....do.....	.....do.....	San Francisco.....	5,006
1938	.....do.....	.....do.....	Denver.....	5,005
1938	Oregon Trail.....	.....do.....	Philadelphia.....	6,006
1938	.....do.....	.....do.....	San Francisco.....	6,006
1938	.....do.....	.....do.....	Denver.....	6,005
1938	Texas Centennial.....	.....do.....	Philadelphia.....	5,005
1938	.....do.....	.....do.....	San Francisco.....	5,006
1938	.....do.....	.....do.....	Denver.....	5,005
1939	Arkansas Centennial.....	.....do.....	Philadelphia.....	2,104
1939	.....do.....	.....do.....	San Francisco.....	2,105
1939	.....do.....	.....do.....	Denver.....	2,104
1939	Oregon Trail.....	.....do.....	Philadelphia.....	3,004
1939	.....do.....	.....do.....	San Francisco.....	3,005
1939	.....do.....	.....do.....	Denver.....	3,004
1946	Iowa Centennial.....	.....do.....	Philadelphia.....	100,057
1946	Booker T. Washington.....	.....do.....	.....do.....	1,000,546
1946	.....do.....	.....do.....	San Francisco.....	500,279
1946	.....do.....	.....do.....	Denver.....	200,113
1947	.....do.....	.....do.....	Philadelphia.....	100,017
1947	.....do.....	.....do.....	San Francisco.....	100,017
1947	.....do.....	.....do.....	Denver.....	100,017
Total.....				14,664,136

## WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission, and the available data for the calendar year under review are often incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries the most reliable data available are used in compiling world statistics.

A number of countries are omitted from the tables because of complete lack of information.

In connection with the table "*Monetary stock of principal countries of the world*"—the following general qualifications should be taken in consideration:

*Gold stocks.*—It is understood that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies, and those held outside regularly reported stocks. Additional explanatory notes relating to the various countries accompany the table.

*Silver stocks.*—The amount of silver coin in circulation in many countries is not obtainable.

*Minor coin.*—Minor coin data, not available for some countries, are incomplete in some instances where reported.

The table "*Coinage of nations*" is expanded to include minor coinage and the denominations and composition of all coins.

Additional information for 1947 includes a list of coinage mints of the world currently in operation; and schedules giving characteristics of coins in active circulation in various countries of the world.

*Monetary stock of principal countries of the world at end of calendar year 1947  
(subject to revision)*

[Gold reported on quantity basis, in troy ounces, grains, or kilograms and converted to United States money at rate of 35 dollars per fine ounce (1 United States dollar is legally defined as 15½ $\frac{1}{2}$  grains of gold  $\frac{1}{10}$  fine). Silver reported face amount converted to United States money at exchange rate. Minor coin and paper currency in circulation stated in monetary unit of issuing country.]

Country	Monetary unit	Exchange rate—average for December 1947 (New York rate if quoted)	Gold—Totalstock in Government (000 omitted)	Silver—Totalstock in Government Treasury, central bank, and in circulation (000 omitted)	Minor coin—Estimated amount in circulation, stated in unit of issuing country (000 omitted)	Notes in circulation, stated in unit of issuing country (000 omitted)
						(6)
North America:						
United States	Dollar	1.00000	22,753,887	3,463,960	354,459	27,463,264
Canada	do	1.00000	1,286,636	394,716	16,188	1,045,642
Mexico	Peso	2.0575	101,014	44,170	59,440	1,761,983
Newfoundland	Dollar	1.00000	—	2,823	(?)	(?)
West Indies:						
British:						
Barbados	do	.83985	—	504	25	2,460
Jamaica	Pound	4.03130	—	4,1439	34	2,772
Trinidad and Tobago	Dollar	.83985	—	847	47	20,010
Cuba <sup>6</sup>	Peso	1.00000	278,744	6 14,530	6 4,467	453,339
Dominican Republic <sup>7</sup>	Dollar	1.00000	2,000	1,350	330	21,280
Haiti <sup>8</sup>	Gourde	.20000	2,399	37	432	29,384
Netherlands West Indies	Florin	.53026	(?)	530	718	38,879
Central America:						
Costa Rica	Colon	.17637	2,029	—	4,299	87,371
El Salvador	do	.40000	14,733	1,220	1,889	53,859
Guatemala	Quetzal	1.00000	27,229	2,731	242	30,269
Honduras <sup>9</sup>	Lempira	.50000	64	9 4,600	9 380	2,950
Nicaragua	Cordoba	.20000	3,439	103	2,247	51,794
Panama <sup>10</sup>	Balboa	1.00000	10	1,459	133	11,091
South America:						
Argentina	Peso	.29773	11 322,000	(?)	(?)	5,256,000
Bolivia	Boliviano	.02381	25,159	52	20,356	1,747,455
Brazil	Cruzeiro	.05441	354,328	—	(?)	20,394,536
British Guiana	Dollar	.83985	—	2,692	81	8,055
Colombia	Peso	.56980	83,436	12,182	7,307	305,855
Ecuador	Sucre	.07407	20,368	2,223	18,401	338,491
French Guiana	Franc	.00840	—	—	—	165,000
Netherlands Guiana	Guilder	.52779	3,535	4,171	—	10,327
Paraguay	Guaraní	.32051	234	—	1,316	41,754
Peru	Sol	.15385	20,219	3,539	16,000	699,100
Uruguay	Peso	.65830	174,501	11,961	8,343	240,365
Venezuela	Bolivar	.29851	214,060	2 44,571	(?)	608,226
Europe:						
Austria	Schilling	.10000	5,016	—	74,287	3,381,927
Belgium	Franc	.02279	594,003	6,930	1,006,339	83,723,192
Czechoslovakia	Koruna	.02006	49,104	12,877	397,344	60,961,422
Denmark	Krone	.20860	32,019	—	—	1,641,249
Finland	Markkaa	.00735	(?)	—	410,759	25,161,527
France	Franc	.00840	12 547,616	—	(?)	920,830,750
Greece	Drachma	.13,793	—	—	—	973,608,772
Hungary	Florin (forint)	.08455	34,330	—	130,000	2,224,172
Iceland	Krona	.15373	1,016	—	5,514	107,748
Ireland	Pound	4.03130	10,753	4 10,586	633	43,504
Netherlands	Florin (guilder)	.37699	250,286	4 65,748	36,900	3,168,315
Portugal	Escudo	.04009	(?)	11,408	66,389	8,751,835
Rumania	Leu	.00667	214,914	(?)	972,114	24,529,593
Spain	Peseta	.09132	(?)	4 45,668	—	26,014,170
Sweden	Krona	.27826	105,168	52,344	17,200	2,895,150
Switzerland	Franc	.23363	1,355,507	65,066	39,000	4,383,413
United Kingdom	Pound	4.03130	(?)	(?)	(?)	1,349,732
Asia:						
Ceylon	Rupee	.30177	—	—	13,751	397,998
Cyprus	Pound	4.03130	—	4 1,088	95	5,366
Hong Kong	Dollar	.25000	—	—	—	599,300
India	Rupee	.30177	275,190	341,227	(?)	12,984,931
Indochina	Piastre	.14297	14 279	1,624	700	(?)
Iran	Rial	.03101	127,007	4 5,606	(?)	6,840,633
Iraq	Dinar	4.03130	—	4,187	245	33,963

See footnotes at end of table.

*Monetary stock of principal countries of the world at end of calendar year 1947  
(subject to revision)—Continued*

Country	Monetary unit	Exchange	Gold—	Silver—	Minor	Notes in
		rate—aver-	Totalstock	Totalstock	coin—Esti-	
		age for	of Govern-	in Govern-	mated	circula-
		December	ment (000 omitted)	ment Treasury,	amount in	tion, stated
		1947 (New	(000 omitted)	central bank,	circula-	in unit of
		York rate if quoted)		and in circula-	tion, stated	issuing country
				(000 omitted)	(000 omitted)	(000 omitted)
(1)	(2)	(3)	(4)	(5)	(6)	
Asia—Continued		<i>U. S.</i>	<i>U. S.</i>	<i>U. S.</i>	<i>See col. 1</i>	<i>See col. 1</i>
Japan	Yen	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	516,910	220,354,588
Korea	Won		2,021	4516	300	33,388,164
Lebanon	Pound	0.45633	1,691	241	467	191,000
Malaya	Dollar	.47032		324		405,885
Netherlands East Indies	Florin		180,233	14,402	20,821	(3)
Philippines	Peso	.50000	1,494	26,514	9,369	647, S13
Syria	Pound	0.45633	1,128	47,127	6,702	363
Turkey	Lira (pound)	.35336	170,109	1,211	177,697	
Africa:				11,744	13,629	888,462
Algeria	Franc	.00840	5,815		(3)	7,354,101
Belgian Congo	do	.02279	31,892	681	317,063	41,497,482
British East Africa	Shilling	.20157		34,822	14,466	270,138
British West Africa	do	.20157		3,635	618,162	301,210
Egypt <sup>15</sup>	Pound	4.12700	53,361	24,609	1,358	146,995
Ethiopia	Dollar	.40250	600	16,144	3,280	37,433
Liberia <sup>16</sup>	do	1.00000		300	100	5,000
Madagascar	Franc	.01429	45		10,000	3,048,076
Morocco	do	.00840	6,508	220	148,700	19,107,419
Portuguese East Africa	Escudo	.03582	8,670	41	26,158	582,766
Portuguese West Africa	Angolar	.04009			2,505	296,072
Southern Rhodesia <sup>17</sup>	Pound	4.03130		4,361	226	4,327
Union of South Africa	do	4.00750	762,065	36,883	340	65,789
Oceania:						
Australia	do	3.2120	88,559	102,145	1,480	205,143
Fiji	do	3.63180		930	22	2,169
New Caledonia	Franc					228,432
New Zealand	Pound	3.22500	23,087	12,865	75	42,750
Bank for International Settlements.			18 30,000			
International Monetary Fund			1,352,675			

<sup>1</sup> Includes holdings of Foreign Exchange Control Board only. Nominal amount held by Minister of Finance. (Canada.)

<sup>2</sup> Silver includes minor coin. (Newfoundland, Venezuela.)

<sup>3</sup> Data not available. (Algeria, minor coin; Argentina, silver and minor coin; Brazil, minor coin; India, minor coin; Indochina, notes; Iran, minor coin; Netherlands East Indies, notes; Netherlands West Indies, gold; Newfoundland, notes; Portugal, gold; Romania, silver coin; Spain, gold; United Kingdom, gold and silver and minor coin.)

<sup>4</sup> Does not include silver coin in circulation for which data are not available. (Cyprus, Iran, Ireland, Jamaica, Japan, Morocco, Netherlands, Netherlands Guiana, Portuguese East Africa, Spain.)

<sup>5</sup> Jamaican coin only. British coin also circulates. (Jamaica.)

<sup>6</sup> Cuban and United States money. Silver coin includes small amount of United States minor coin. (Cuba.)

<sup>7</sup> Dominican and United States money. (Dominican Republic.)

<sup>8</sup> Haitian money. United States money also circulates. (Haiti.)

<sup>9</sup> Honduran money. In addition, United States coins estimated at approximately 6,645,000 dollars are in circulation. (Honduras.)

<sup>10</sup> Panamanian money. In addition, United States money also circulates. (Republic of Panama.)

<sup>11</sup> Source: *Federal Reserve Bulletin*. Represents "estimated dollar values derived by converting gold at home in amounts up to 1,224.4 million pesos at the rate of 3.0365 pesos per U. S. dollar and all other gold at the rate of 3.5447 pesos per U. S. dollar." (Argentina.)

<sup>12</sup> Includes only gold of Bank of France. Amount held by Exchange Stabilization Fund not available. (France.)

<sup>13</sup> Coins in circulation estimated at 3 to 4 billion francs. (France.)

<sup>14</sup> Gold held for account of the Government of France. (Indochina.)

<sup>15</sup> Includes Anglo-Egyptian Sudan. (Egypt.)

<sup>16</sup> Estimated. United States money is chief circulating medium. (Liberia.)

<sup>17</sup> Includes Northern Rhodesia and Nyasaland. (Southern Rhodesia.)

<sup>18</sup> Source: *Federal Reserve Bulletin*. (Bank for International Settlements.)

*Coinage of nations during the year ended December 31, 1947*

[So far as reported to the Director of the United States Mint]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
United States	Half dollar	8,294,651	4,147,325.50	900 silver, 100 copper.
	Quarter dollar	43,426,400	10,856,600.00	Do.
	Dime	203,195,000	20,319,500.00	Do.
	5 cents	157,542,000	7,877,100.00	75 copper, 25 nickel.
	1 cent	484,305,000	4,843,050.00	95 copper, 5 zinc and tin.
	Total	896,763,051	48,043,575.50	
Algeria	5 francs	2,662,000	13,310,000.00	91 copper, 9 aluminum.
Austria	2 schillings	12,006,000	24,012,000.00	98.5 aluminum, 1.5 magnesium.
	1 schilling	17,928,000	17,928,000.00	Do.
	50 groschen	5,243,580	524,358.00	Do.
	Maria-Theresa Taler.	10,209	(Trade coin)	833 $\frac{1}{3}$ silver.
		35,187,789	142,464,358.00	
Belgian Congo	5 francs	10,000,000	50,000,000.00	66 $\frac{3}{4}$ copper, 33 $\frac{1}{4}$ zinc.
	2 francs	19,122,439	38,244,878.00	Do.
	Total	29,122,439	88,244,878.00	
Belgium	5 francs	3,136,000	15,680,000.00	Zinc du commerce.
	1 franc	6,175,000	6,175,000.00	Do.
	25 centimes	616,000	154,000.00	Do.
	Total	9,927,000	22,009,000.00	
Bolivia	50 centavos	510,000	255,000.00	95 copper, 5 zinc.
Brazil	2 cruzeiros	9,908,000	19,816,000.00	90 copper, 8 aluminum, 2 zinc.
	1 cruzeiro	15,391,000	15,391,000.00	Do.
	50 centavos	23,588,000	11,794,000.00	Do.
	20 centavos	36,422,000	7,284,400.00	Do.
	10 centavos	20,664,000	2,066,400.00	Do.
	Total	105,973,000	56,351,800.00	cruzeiros
British West Africa	Penny	39,560,577	164,835.14.9	pounds
Canada	Dollar	65,595	65,595.00	800 silver, 200 copper.
	50 cents	424,885	212,442.50	Do.
	25 cents	1,524,554	381,138.50	Do.
	10 cents	4,431,926	443,192.60	Do.
	5 cents	7,603,724	380,186.20	Pure nickel.
	1 cent	31,093,901	310,939.01	98 copper, 1 $\frac{1}{2}$ zinc, $\frac{1}{2}$ tin.
	Total	45,144,585	1,793,493.81	dollars
Colombia	50 centavos	1,240,000	620,000.00	500 silver, 500 copper.
	20 centavos	9,708,330	1,941,666.00	Do.
	10 centavos	7,366,426	736,642.60	Do.
	5 centavos	26,577,000	1,328,850.00	75 copper, 25 nickel.
	2 centavos	59,370,000	1,187,400.00	Do.
	1 centavo	1,835,000	18,350.00	Do.
	Total	106,096,756	5,832,908.60	pesos
Costa Rica	5 centimos	1,000,000	50,000.00	95 copper, 4 zinc, 1 tin.
Czechoslovakia	50 crowns	1,000,000	50,000,000.00	50 silver, 40 copper, 5 nickel, 5 zinc. (Commemorative coin).
	2 crowns	20,000,000	40,000,000.00	80 copper, 20 nickel.
	1 crown	12,650,000	12,650,000.00	Do.
	$\frac{1}{2}$ crown	50,000,000	25,000,000.00	92 copper, 8 zinc.
	Total	83,650,000	127,650,000.00	crowns

1 Excluding Maria-Theresa Talers.

*Coinage of nations during the year ended December 31, 1947—Continued*

[So far as reported to the Director of the United States Mint]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
Denmark-----	2 kroner-----	502,561	1,005,122.00	92 copper, 6 aluminum, 2 nickel.
	1 krone-----	4,897,218	4,897,218.00	Do.
	25 øre-----	2,388,466	597,116.50	75 copper, 25 nickel.
	10 øre-----	1,532,232	153,223.20	Do.
	2 øre-----	588,590	11,771.80	Zinc.
	1 øre-----	100,000	1,000.00	Do.
Total-----		10,009,067	6,665,451.50	kroner.
Dominican Republic.	50 centavos-----	200,000	100,000.00	R D dollars
	25 centavos-----	400,000	100,000.00	R D dollars.
	1 centavo-----	3,000,000	30,000.00	R D dollars.
Total-----		3,600,000	230,000.00	R D dollars.
Ecuador-----	1 sucre-----	18,000,000	18,000,000.00	pesos-----
	20 centavos-----	30,000,000	6,000,000.00	pesos-----
	10 centavos-----	40,000,000	4,000,000.00	pesos-----
	5 centavos-----	24,112,000	1,205,600.00	pesos-----
Total-----		112,112,000	29,205,600.00	pesos.
El Salvador-----	1 centavo-----	5,000,000	50,000.00	colones-----
Ethiopia-----	50 cents-----	20,433,730	10,216,865.00	dollars-----
	5 cents-----	12,000,000	600,000.00	dollars-----
Total-----		32,433,730	10,816,865.00	dollars.
Finland-----	5 markka-----	6,550,000	32,750,000.00	markkaa-----
	1 markka-----	7,388,000	7,388,000.00	markkaa-----
	50 pennia-----	1,748,000	874,000.00	markkaa-----
Total-----		15,686,000	41,012,000.00	markkaa.
France-----	10 francs-----	58,814,500	588,145,000.00	frances-----
	5 francs-----	77,414,400	387,072,000.00	frances-----
	2 francs-----	105,203,500	210,407,000.00	frances-----
	1 franc-----	142,010,000	142,010,000.00	frances-----
	50 centimes-----	70,248,000	35,124,000.00	frances-----
Total-----		453,690,400	1,362,758,000.00	frances.
French West Africa.	50 centimes-----	2,170,000	1,085,000.00	frances-----
Guatemala-----	25 centavos-----	134,000	33,500.00	quetzales-----
	10 centavos-----	471,000	47,100.00	quetzales-----
	5 centavos-----	1,834,000	91,700.00	quetzales-----
	1 centavo-----	1,121,000	11,210.00	quetzales-----
Total-----		3,560,000	183,510.00	quetzales.
Hungary-----	5 forints-----	10,004,252	50,021,260.00	forints-----
	2 forints-----	3,515,000	7,030,000.00	forints-----
	1 forint-----	1,526,260	1,526,260.00	forints-----
	20 filler-----	17,610,114	3,522,022.80	forints-----
	10 filler-----	25,627,216	2,562,721.60	forints-----
	2 filler-----	23,645,290	472,905.80	forints-----
Total-----		81,928,132	65,135,170.20	forints.
India-----	Rupee-----	102,611,000	102,611,000.00	rupees-----
	½ rupee-----	55,600,000	27,800,000.00	rupees-----
	¼ rupee-----	93,484,000	23,371,000.00	rupees-----
	2 annas-----	65,912,000	8,239,000.00	rupees-----
	1 anna-----	126,236,000	7,889,750.00	rupees-----
	½ anna-----	89,112,000	2,781,750.00	rupees-----
	Single piece-----	154,150,000	2,108,593.75	rupees-----
Total-----		687,103,000	175,101,093.75	rupees-----

• *Coinage of nations during the year ended December 31, 1947—Continued*

[So far as reported to the Director of the United States Mint]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
Indo-China	1 piastre	42,218,750	42,218,750.00	Copper-nickel. Do.
	50 cents	1,734,000	867,000.00	
Total		43,952,750	43,085,750.00	piastres
Iran	1 pahlevi	151,000	40,336,775.00	Gold, 900 fine.
	½ pahlevi	36,000	4,808,357.00	Do.
	10 rials	13,429	134,290.00	Silver, 600 fine.
	5 rials	60,932	304,660.00	Do.
	2 rials	186,525	373,050.00	Do.
	1 rial	567,000	567,000.00	Do.
Total		1,014,886	46,524,132.00	rials
Japan	50 sen	606,696,000	303,348,000.00	yen
Luxembourg	100 francs	100,000	10,000,000.00	frances
	50 francs	100,000	5,000,000.00	frances
	20 francs	100,000	2,000,000.00	frances
	1 franc	2,000,000	2,000,000.00	frances
	25 centimes	4,000,000	1,000,000.00	frances
		6,300,000	20,000,000.00	frances
Total				
Mauritius	2 cents	250,000	5,000.00	rupees
	1 cent	500,000	5,000.00	rupees
Total		750,000	10,000.00	rupees
Mexico	5 pesos	5,110,000	25,550,000.00	pesos
	1 peso	61,460,000	61,460,000.00	pesos
	1 centavo	13,445,000	134,450.00	pesos
Total		80,015,000	87,144,450.00	pesos
Monaco	20 francs	1,000,000	20,000,000.00	frances
Morocco	20 francs	6,000,000	120,000,000.00	frances
	10 francs	14,694,000	146,940,000.00	frances
	5 francs	11,668,000	58,340,000.00	frances
	2 francs	908,271	1,816,542.00	frances
Total		33,270,271	327,096,542.00	frances
Netherlands West Indies	Kwartjes	1,000,000	250,000.00	florins
	Dubbeltjes	1,000,000	100,000.00	florins
	2½ centstukken	500,000	12,500.00	florins
	Centen	1,500,000	15,000.00	florins
		4,000,000	377,500.00	florins
Total				
New Zealand	Half crown	1,600,000	200,000.00	pounds
	Florin	2,500,000	250,000.00	pounds
	Shilling	2,800,000	140,000.00	pounds
	Sixpence	3,200,000	80,000.00	pounds
	Threepence	6,400,000	80,000.00	pounds
	Penny	5,136,000	21,400.00	pounds
	Halfpenny	2,476,800	5,160.00	pounds
Total		24,112,800	776,560.00	pounds
Newfoundland	10 cents	119,736	11,973.60	dollars
	5 cents	310,750	15,537.50	dollars
	1 cent	313,772	3,137.72	dollars
Total		744,258	30,648.82	dollars

*Coinage of nations during the year ended December 31, 1947—Continued.*

[So far as reported to the Director of the United States Mint]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
Panama	1 balboa	500,000	500,000.00 balboas	900 silver, 100 copper.
	½ balboa	450,000	225,000.00 balboas	Do.
	¼ balboa	700,000	175,000.00 balboas	Do.
	½¢ balboa	1,000,000	100,000.00 balboas	Do.
Total		2,650,000	1,000,000.00 balboas	
Peru	1 sol	3,302,311	3,302,311.00 soles	70 copper, 30 zinc.
	½ sol	6,065,620	3,032,810.00 soles	Do.
	20 centavos	4,306,778	861,355.60 soles	Do.
	10 centavos	6,805,745	680,574.50 soles	Do.
	5 centavos	7,682,552	384,127.60 soles	Do.
	2 centavos	1,279,849	25,596.98 soles	95 copper, 5 zinc.
	1 centavo	2,976,023	29,760.23 soles	Do.
Total		32,418,878	8,316,535.91 soles	
Philippines	1 peso	100,000	100,000.00 pesos	800 silver, 200 copper.
	50 centavos	200,000	100,000.00 pesos	750 silver, 250 copper.
		300,000	200,000.00 pesos	
Portugal	5 escudos	2,419,590	12,097,950.00 escudos	650 silver, 350 copper.
	2½ escudos	2,609,535	6,523,837.50 escudos	Do.
	1 escudo	9,500	9,500.00 escudos	61 copper, 20 zinc, 19 nickel.
	50 centavos	6,998,268	3,499,134.00 escudos	Do.
	10 centavos	9,282,600	928,260.00 escudos	95 copper, 3 zinc, 2 tin.
Total		21,319,493	23,058,681.50 escudos	
Portuguese India	½ rupia	600,000	300,000.00 rupia	75 copper, 25 nickel.
	¼ rupia	800,000	200,000.00 rupia	Do.
	1 tanga	1,000,000	62,500.00 rupia	95 copper, 3 zinc, 2 tin.
Total		2,400,000	562,500.00 rupia	
Rumania	100,000 lei	335,200	33,520,000,000.00 lei	Silver (retired as of Aug. 15, 1947).
	10,000 lei	11,850,000	118,500,000.00 lei	Do.
	2,000 lei	490,000	980,000,000.00 lei	63 copper, 37 zinc (retired as of Aug. 15, 1947).
	500 lei	853,600	426,800,000.00 lei	Aluminum (retired as of Aug. 15, 1947).
	5 lei	56,026,000	280,130,000.00 lei	Aluminum with 1.5 percent impurities.
	2 lei	40,000,000	80,000,000.00 lei	92 copper, 8 zinc.
	1 leu	88,341,000	88,341,000.00 lei	63 copper, 37 zinc.
	50 bani	13,266,000	6,633,000.00 lei	Do.
Total		211,161,800	35,500,404,000.00 lei	
Saudi Arabia	Gold dlsks.	121,364	—	123.2745 grains gross weight, 916⅔ gold, 83⅓ copper.
	1 riyal	14,212,000	14,212,000.00 riyals	916⅔ silver, 83⅓ copper.
	½ riyal	500,000	250,000.00 riyals	Do.
	¼ riyal	1,000,000	250,000.00 riyals	Do.
	1 girsh	7,150,000	2,325,000.00 riyals	75 copper, 25 nickel.
	½ girsh	10,850,000	2,246,590.91 riyals	Do.
	¼ girsh	21,500,000	2,244,318.18 riyals	Do.
Total		55,333,364	8,15,527,909.09 riyals	
Southern Rhodesia	Half crown	6,000,000	750,000.00 pounds	75 copper, 25 nickel.
	Florin	3,750,000	375,000.00 pounds	Do.
	Shilling	8,000,000	400,000.00 pounds	Do.
	Sixpence	5,000,000	125,000.00 pounds	Do.
	Threepence	8,000,000	100,000.00 pounds	Do.
	Penny	3,600,000	15,000.00 pounds	Do.
Total		34,350,000	1,765,000.00 pounds	

\* At official valuation of 22 girsh (gursh) per riyal.

\* Excluding gold disks.

## Coinage of nations during the year ended December 31, 1947—Continued

[So far as reported to the Director of the United States Mint]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
Spain	1 peseta	40,949,672	40,949,672.00 pesetas	90 copper, 10 aluminum.
	10 centimes	189,374,318	18,937,431.80 pesetas	97.5 aluminum, 2.5 copper.
	5 centimes	55,505,943	2,775,297.15 pesetas	Do.
Total		285,829,933	62,662,400.95 pesetas	
Sweden	2 kronor	1,465,975	2,931,950.00 kronor	400 silver, 500 copper, 50 nickel, 50 zinc.
	1 krona	9,129,249	9,129,249.00 kronor	Do.
	50 öre	1,770,500	885,250.00 kronor	Do.
	25 öre	5,632,800	1,408,200.00 kronor	Do.
	10 öre	7,293,250	729,325.00 kronor	Do.
	50 öre	1,031,800	515,900.00 kronor	75 copper, 25 nickel.
	25 öre	1,594,200	398,550.00 kronor	Do.
	10 öre	4,132,950	413,295.00 kronor	Do.
	5 öre	6,034,840	301,742.00 kronor	Iron.
	2 öre	9,535,750	190,715.00 kronor	Do.
	1 öre	14,244,500	142,445.00 kronor	Do.
Total		61,865,814	17,046,621.00 kronor	
Switzerland	20 francs	18,100,000	362,000,000.00 francs	900 gold, 100 copper. (Do not circulate).
	1 franc	624,000	624,000.00 francs	835 silver, 165 copper.
	½ franc	1,280,000	640,000.00 francs	Do.
	20 centimes	5,130,500	1,026,100.00 francs	75 copper, 25 nickel.
	10 centimes	5,161,700	516,170.00 francs	Do.
	5 centimes	7,734,350	386,717.00 francs	Do.
Total		38,030,550	365,192,987.00 francs	
Travancore State	1 chukram blanks.	3,500,000		97 copper, 2.5 zinc, 0.5 tin.
	½ chukram blanks.	2,800,000		Do.
	¼ chukram blanks.	2,800,000		Do.
Total		9,100,000		
Tunisia	Gold pieces	33		Fineness not stated.
	20 francs	53	1,060.00 francs	Silver, fineness not stated.
	10 francs	1,103	11,030.00 francs	Do.
Total		1,189	12,090.00 francs	
Turkey	1 pound	11,184,000	11,184,000.00 pounds	600 silver, 400 copper
	50 piastres	10,778,000	5,389,000.00 pounds	Do.
	1 piastre	890,000	8,900.00 pounds	70 copper, 30 zinc.
Total		22,852,000	16,581,900.00 pounds	
Union of South Africa	5 shillings	305,501	76,375-5-0 pounds	800 silver 200 copper.
	Half crown	2,505	313-2-6 pounds	Do.
	2 shillings	2,505	250-10-0 pounds	Do.
	1 shilling	2,505	125-5-0 pounds	Do.
	Sixpence	513,207	12,830-3-6 pounds	Do.
	Threepence	695,754	8,686-18-6 pounds	Do.
	Penny	4,616	19-4-8 pounds	95 copper, 4.5 zinc, ½ tin.
	Halfpenny	4,503	5-4-3½ pounds	Do.
	Farthing	3,590,940	3,740-11-3 pounds	Do.
Total		5,122,036	102,346-4-8½ pounds	
United Kingdom <sup>1</sup>	Half crown	19,851,503	2,481,438.00 pounds	Silver and cupro-nickel.
	Florin	18,400,279	1,840,028.00 pounds	Do.
	Shilling	24,403,834	1,220,192.00 pounds	Do.
	Sixpence	25,428,059	635,702.00 pounds	Do.
	"Maundy"	5,616	58.00 pounds	Do.
	Penny	52,220,400	217,585.00 pounds	Bronze.
	Halfpenny	21,266,400	44,305.00 pounds	Do.
	Farthing	14,745,600	15,360.00 pounds	Do.
Total		176,321,691	6,454,668.00 pounds	

<sup>1</sup> Excluding gold pieces.<sup>2</sup> Source: *London Economist*, June 5, 1948.

## [Coinage of nations during the year ended December 31, 1947—Continued]

[So far as reported to the Director of the United States Mint]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
Uruguay.....	5 centesimos.....	1,500,000	75,000.00 pesos.....	95.5 copper, 3 tin, 1.5 zinc. Do.
	2 centesimos.....	1,500,000	30,000.00 pesos.....	
Total.....		3,000,000	105,000.00 pesos.....	
Venezuela.....	2 bolivares.....	3,000,000	6,000,000.00 bolivares.....	835 silver, 165 copper. Do. Do. Do. 75 copper, 25 nickel. Do.
	1 bolivar.....	8,000,000	8,000,000.00 bolivares.....	
	½ bolivar.....	2,500,000	1,250,000.00 bolivares.....	
	¼ bolivar.....	8,000,000	2,000,000.00 bolivares.....	
	12½ centimos.....	9,200,000	1,150,000.00 bolivares.....	
	5 centimos.....	12,000,000	600,000.00 bolivares.....	
Total.....		42,700,000	19,000,000.00 bolivares.....	

## Mints of the world in operation during the year ended Dec. 31, 1947

[So far as reported to the Director of the United States Mint]

Country	Name of mint	Location
United States.....	Philadelphia Mint.....	Philadelphia, Pennsylvania.
	San Francisco Mint.....	San Francisco, California.
	Denver Mint.....	Denver, Colorado.
Australia.....	Royal Mint, Melbourne Branch.....	Melbourne, Victoria.
	Royal Mint, Perth Branch.....	Perth, Western Australia.
Austria.....	Oesterreichisches Hauptmünzamt.....	Vienna.
Belgium.....	Administration des Monnaies.....	Bruxelles.
Bolivia.....	Casa de Moneda de Potosi.....	Potosi.
Brazil.....	Casa de Moeda, Praça Repùblica.....	Rio de Janeiro.
Canada.....	Royal Canadian Mint.....	Ottawa, Ontario.
Chile.....	Casa de Moneda y Especies Valoradas.....	Santiago.
Colombia.....	Casa de Moneda.....	Bogata.
Do.....	do.....	Medellin.
Costa Rica.....	Cuno Nacional.....	San Jose.
Czechoslovakia.....	State Mint.....	Kremnica, Slovakia.
Denmark.....	Det Kongelige Mønt.....	København.
Finland.....	Rahapaja Mynverket.....	Helsinki.
France.....	Paris Mint.....	Paris.
Do.....	Beaumont-de-Roger Mint.....	(Not stated).
Guatemala.....	Casa Nacional de Moneda.....	Guatemala City.
Hungary.....	Hungarian State Mint.....	Budapest.
India.....	Indian Government Mint.....	Bombay.
Do.....	do.....	47 Strand Road, Calcutta.
Do.....	do.....	Alipore, Calcutta. Under construction.
Do.....	do.....	Lahore. Transferred to Government of Pakistan in August 1947.
Iran.....	Tehran Mint.....	Tehran.
Japan.....	Mint Bureau, Finance Ministry, Japanese Government.....	Osaka.
Do.....	Hiroshima Branch.....	Hiroshima Prefecture.
Do.....	Tokyo Branch.....	Tokyo.
Do.....	Kumamoto Sub-branch.....	Kumamoto.
Mexico.....	Casa de Moneda de Mexico.....	Mexico, D. F.
Netherlands.....	's Rijks Munt.....	Utrecht.
Pakistan.....	Pakistan Government Mint.....	Lahore (India). Transferred from Indian Government in August 1947.
Peru.....	Casa Nacional de Moneda.....	Lima.
Portugal.....	Casa da Moeda.....	Lisbon.
Rumania.....	Bucarest Mint.....	Bucharest.
Spain.....	Fabrique Nacional de Moneda y Timbre.....	Madrid.
Sweden.....	Kungl. Mynt-och Insteringsverket.....	Stockholm.
Switzerland.....	Swiss Federal Mint.....	Bern.
Turkey.....	Directorate of Mint and Stamp Printing House.....	Istanbul.
Union of South Africa.....	South African Mint (since June 30, 1941).....	Pretoria.
United Kingdom.....	Royal Mint.....	London.
Do.....	The Mint, Birmingham, Ltd. (private).....	Birmingham.

*Coin withdrawn from active circulation in various countries of the world during the year ended Dec. 31, 1947*

[So far as reported to the Director of the United States Mint]

Country	Silver coins		Other coins <sup>1</sup>
	Nominal value in monetary unit of issuing country	Weight of silver recovered (Troy ounces)	
United States.....	2,196,329 dollars.....	1,474,967	229,592 dollars. <sup>2</sup>
Belgium.....	779,129,020 francs.....	9,094,673	
Canada.....	80,564 dollars.....	<sup>3</sup> 57,391	290,505 dollars.
Chile.....	1,397 pesos.....	(4)	
Czechoslovakia.....	140,000,000 crowns.....	3,150,773	
Finland.....			338,100 markkaa.
France.....			23,278,000 francs.
India.....	17,32,226 rupees.....	(4)	67,08,057 rupees.
Indochina.....	194,786 piastres.....	(4)	
Iran.....	(5).....	1,012,922	
Iraq.....	52,200 dinars.....	<sup>6</sup> 147,572	240 dinars.
Jamaica.....	114-9-3 pounds (British coin).....	(4)	8-2-0 pounds (Jamaican coin)
Malaya.....	107,278 dollars.....	93,644	
Mexico.....	10,702,437 pesos.....	4,128,591	267,253 pesos.
Netherlands.....	17,925,337 florins.....	5,211,896	2,657 florins.
Netherlands West Indies.....			31,977 florins.
Portuguese East Africa.....	309,460 escudos.....	10,358	
Rumania.....			(?).
Southern Rhodesia.....	439,475 pounds.....	(4)	
Sweden.....	9,722 kronor.....	1,714	1,401 kronor.
Switzerland.....	112,500 francs.....	14,789	22,500 francs.
Turkey.....	9,875,104 pounds.....	3,159,017	
Union of South Africa.....	75,398-6-6 pounds.....	21,193	

<sup>1</sup> Consist of cupro-nickel, bronze, aluminum, and other alloys of base metals except as indicated in footnotes 2 and 7 following.

<sup>2</sup> In addition, United States gold coins at a face value of \$106,235 were melted with a recovery of 5,124 fine ounces of gold.

<sup>3</sup> Gross.

<sup>4</sup> Quantity of silver recovered not available.

<sup>5</sup> Cut silver coins 0.900 fine valued at rate of 1,020 rials per kilogram.

<sup>6</sup> Calculated at standard weight.

<sup>7</sup> Various gold coins valued at 906,970,000 lei were melted with a recovery of 5,387 kilograms of gold.

*Gold and silver in the form of old plate, jewelry, and other old material returned from use in the industrial arts by being deposited with the monetary authority in various countries of the world during the year ended Dec. 31, 1947*

[So far as reported to the Director of the United States Mint]

Country	Gold	Silver	
		Fine ounces	Fine ounces
United States.....		159,968	524,035
Australia.....		11,276	13,196
Bolivia.....		209	
Canada.....		17,265	4,405
Colombia.....		407	
New Zealand.....		1,065	7,622
Union of South Africa.....		6	357

*Estimated quantity of gold and silver used in the industrial arts in various countries of the world during the year ended Dec. 31, 1947*

[So far as reported to the Director of the United States Mint]

Country	Gold	Silver	Country	Gold	Silver
	<i>Fine ounces</i>	<i>Fine ounces</i>		<i>Fine ounces</i>	<i>Fine ounces</i>
United States.....	1,397,100	98,500,000	Lebanon.....	96,400	-
Algeria.....	12,100	144,700	Madagascar.....	2,145	-
Australia.....	70,467	852,426	Mexico.....	-	1,052,600
Austria.....	15,400	35,700	Netherlands.....	11,900	316,000
Bolivia.....	1,000	120,000	Netherlands East Indies.....	-	29,500
British Guiana.....	8,600	150	Netherlands Guiana.....	1,500	-
Canada.....	130,000	4,203,000	New Zealand.....	13,000	-
Colombia.....	59,500	<sup>1</sup> 191,250	Nicaragua.....	1,300	300
Czechoslovakia.....	19,300	835,900	Panama.....	6,000	10,000
Denmark (1946).....	8,200	1,253,900	Paraguay.....	400	4,800
Ecuador.....	-	8,600	Peru.....	23,200	<sup>4</sup> 2,554,500
El Salvador.....	6,500	-	Philippines.....	34,000	12,000
Finland.....	-	9,800	Portugal.....	152,500	728,900
France.....	206,100	4,661,900	Spain.....	38,600	-
Guateinala.....	-	700	Sweden.....	5,107,200	-
Honduras.....	46,200	858,000	Turkey.....	129,500	-
Hungary.....	56,100	578,000	Union of South Africa.....	31,100	115,200
Japan.....	59,000	1,149,400	Venezuela.....	54,900	-

<sup>1</sup> Represents quantity sold for industrial use by Government mint during year; total used not available.

<sup>2</sup> Represents quantity sold to dentists during year.

<sup>3</sup> Represents quantity imported and sold by Government during year.

<sup>4</sup> Represents bar sales to silver manufacturers by Banco Industrial during year.

<sup>5</sup> Represents quantity sold for industrial use by the central bank during year.

World production of gold 1939-47

ADDENDA

111

Country	1939	1940	1941	1942	1943	1944	1945	1946	1947
<i>North America:</i>									
United States (refinery production)	4,620,602	4,802,080	4,353,979	4,832,087	3,583,758	1,380,758	1,022,238	1,462,354	2,165,318
Canada	5,095,176	5,311,145	5,345,179	5,799,975	4,841,306	3,651,301	2,922,911	2,832,554	3,035,161
Mexico	841,642	883,117	861,325	631,537	508,882	524,017	430,138	464,700	464,700
Newfoundland and Labrador	12,916	13,027	13,116	10,813	13,098	12,645	11,633	17,485	10,558
<i>Central America and West Indies:</i>									
Costa Rica	29,257	28,388	30,607	29,803	16,332	6,977	4,456	2,1,691	2,1,691
Cuba	3,851	1,251	607	195	(2)	(3)	(3)	(3)	(3)
Dominican Republic	8,070	8,710	20,410	8,840	1,090	900	1,300	1,645	1,116
El Salvador	16,320	50,425	32,856	31,070	28,496	22,813	2,9,121	21,783	7,780
Guatemala	5,058	4,458	2,528	2,1,208	2,466	2,129	2,60	2,32	32
Haiti	(3)	(3)	(3)	401	310	139	(3)	(3)	(3)
Honduras	37,900	31,886	33,092	25,779	22,844	23,026	19,158	11,380	12,030
Nicaragua	100,533	163,176	215,804	247,232	221,211	221,955	206,360	210,026	217,658
Panama	3,774	2,634	2,105						
<i>South America:</i>									
Argentina	9,806	10,288	14,532	16,365	13,857	5,369	3,376	8,038	4,8,000
Bolivia	16,597	19,040	15,847	20,228	8,327	6,265	12,860	16,103	20,000
Brazil	148,357	149,817	147,311	157,080	160,322	166,381	162,401	140,482	135,482
British Guiana	34,052	31,705	32,502	27,567	18,547	17,979	21,792	24,741	26,389
Chile	329,452	312,833	263,830	187,336	173,749	203,749	178,549	230,500	168,649
Colombia	570,017	631,927	656,019	596,618	663,509	553,530	506,695	437,176	383,027
Ecuador	88,578	105,896	99,809	108,387	83,822	71,051	75,390	55,114	55,114
French Guiana	39,417	38,066	36,009	27,200	20,609	18,383	20,641	19,741	18,378
Peru	267,355	281,259	285,189	257,655	196,868	175,180	162,963	158,468	118,347
Surinam	14,028	15,087	11,908	7,479	5,489	5,585	5,425	4,425	4,425
Uruguay	4,1,010	1,364	1,022	1,022	1,022	1,022	1,022	1,022	1,022
Venezuela	122,244	122,398	108,714	96,712	68,902	64,608	64,069	36,904	21,830
<i>Europe:</i>									
Austria	18	290	868	2,315	5,014	1,529	1,903	10,2,090	10,2,090
Czechoslovakia	11,263	9,696	10,045	9,991	8,404	6,251	5,782	6,012	8,363
Finland	4,823			2,235	7,138	34,112	39,738	48,355	48,355
France	66,648	81,148	59,961	44,336	61,350	28,215	193	10,32,890	10,32,890
Hungary	5,150	13,150	61,350	9,640	12,860	12,860	12,860	(3)	(3)
Italy	4,400	6,400	6,400					1,415	1,415
Portugal	144,678	133,361	95,745	83,817	82,017	71,312	71,471	71,728	71,728
Romania	195,894	208,980	191,297	176,829	135,033	124,327	124,327	4,501	4,501
Spain								56,746	56,746
Sweden								91,630	91,630

See footnotes at end of table

## World production of gold 1930-47—Continued

Country	1939	1940	1941	1942	1943	1944	1945	1946	1947
	Fine ounces								
<b>Asia:</b>									
Cyprus.....	19,626	13,111	21,686	7,595	4,165	1,292	592	(3)	(4)
Formosa.....	130,228	107,711	118,910	92,768	50,241	24,963	168,407	131,775	10,171,782
India.....	316,504	289,357	285,945	256,399	232,355	187,191	(2)	(2)	(2)
Indochina <sup>4</sup> .....	7,083	7,547	5,512	3,386	3,264	3,209	65,300	43,200	69,200
Japan.....	805,900	864,400	814,300	987,200	487,100	356,800	118,367	96,452	(2)
Korea.....	697,670	906,672	913,080	868,069	411,529	1,212	287	445	(2)
Malaya.....	40,238	35,689	11,24,804	1,024	2,213	(2)	(2)	1,055	60,348
Netherlands East Indies.....	81,200	90,100	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Philippines <sup>4</sup> .....	990,569	1,140,126	1,144,332	1,58,726	13,784	(2)	13,490	1,055	60,348
Sarawak.....	17,261	12,410	11,6,989	(2)	(2)	(2)	(2)	(2)	(2)
Saudi Arabia.....	12,943	29,992	28,123	36,812	49,353	8,683	37,972	1,055	60,348
Africa:									
Anglo-Egyptian Sudan.....	7,510	6,606	5,323	5,196	2,127	1,819	1,623	5,598	3,725
Bechuanaland.....	17,218	18,015	14,509	15,445	12,966	11,575	11,290	9,739	7,381
Belgian Congo and Ruanda-Urundi <sup>1</sup> .....	524,057	559,423	562,638	514,412	451,171	364,204	346,971	331,313	10,301,445
British East Africa:									
Kenya.....	77,444	77,243	72,147	56,771	45,118	42,259	38,517	29,892	21,959
Tanganyika.....	130,366	142,058	144,312	107,115	68,527	65,148	49,303	48,228	6,47,317
Uganda.....	15,115	13,100	9,565	9,468	3,820	2,593	2,352	2,402	6,1,432
Gold Coast.....	782,271	(2)	886,326	778,925	567,282	523,225	539,252	585,910	(2)
Nigeria.....	33,657	32,676	22,636	42,410	19,928	10,709	8,021	1,984	11,1,969
Sierra Leone.....	14,555	15,760	23,599	11,444	2,748	1,026	274	183	(2)
Cameroons, French.....	3,877	7,344	20,560	20,765	19,625	18,378	14,668	11,028	11,574
Egypt.....	13,716	11,964	2,868	1,768	890	1,063	3,014	2,090	2,090
Eritrea.....			658	5	107	208	2,119	3,411	3,674
Ethiopia <sup>4</sup> .....									25,700
French Equatorial Africa.....	57,649	79,618	95,912	94,620	89,585	63,720	50,000	46,000	12,34,100
French West Africa <sup>4</sup> .....	145,771	126,352	3,955	7,202	7,973	8,777	70,082	71,558	(2)
Liberia.....	6,536	11,761	20,370	22,409	30,772	30,772	19,000	19,000	19,000
Madagascar <sup>7</sup> .....	11,218	11,580	14,210	8,887	9,183	9,385	6,426	3,900	1,500
Morocco <sup>6</sup> .....	8,359	4,019	772	27,007	2,476	2,572	161	(2)	(2)
Portuguese East Africa.....	10,325	10,796	9,042	6,533	6,481	7,557	7,953	5,766	4,5,780
Portuguese West Africa.....	1,660	2,974	3,976	4,194	2,000	1,296	822	552	360
Rhodesia, Northern.....	4,643	5,782	3,401	1,134	703	309	266	6,838	779
Rhodesia, Southern.....	795,613	826,485	730,442	760,030	656,684	582,729	568,241	544,596	522,735
South West Africa.....	1,610	1,358	304	231	169	106	91	73	37
Swaziland.....	983	1,080	568	1,129	2,734	2,299	3,583	4,914	5,637
Union of South Africa.....	12,821,507	14,406,502	14,407,649	14,120,832	12,804,379	12,279,629	11,927,165	11,927,165	11,927,165

## ADDENDA

Oceania:				
Australia.....	1,645,697	1,643,999	1,496,698	1,153,787
Fiji.....	107,789	111,332	118,681	90,973
New Guinea.....	246,400	294,795	112,214	174,665
New Zealand.....	178,955	185,665	174,656	165,986

<sup>a</sup>Preliminary.<sup>b</sup>Revised.<sup>c</sup>Exports to the United States.<sup>d</sup>United States mint receipts.<sup>e</sup>Data not available.<sup>f</sup>Approximate.<sup>g</sup>Refinery production in the United States, 1939-45 inclusive.<sup>h</sup>Exports.<sup>i</sup>Not fine.<sup>j</sup>Includes accumulated refinery shimes.<sup>k</sup>Gold production in the French colonies are estimates of gold contained in the extracted ore, or amount declared in exports of gold bullion.<sup>l</sup>Provisional.<sup>m</sup>January-September.<sup>n</sup>January-June.<sup>o</sup>Production from resumption of civil administration.

World production of silver 1939-47

Country	1939	1940	1941	1942	1943	1944	1945	1946	1947
<i>Fine ounces</i>									
North America:									
United States (refinery production).....	63,871,972	68,286,535	71,075,932	55,859,658	40,874,050	35,651,049	29,046,047	21,103,269	38,587,069
Canada.....	22,775,374	23,833,752	21,754,408	20,695,101	17,344,569	13,627,109	12,942,906	12,544,100	11,773,619
Mexico.....	75,870,577	82,640,077	78,363,964	84,864,426	86,371,556	73,502,804	61,777,779	43,262,410	58,843,864
Newfoundland and Labrador.....	474,228	438,950	490,671	528,528	616,441	558,787	664,781	599,048	4,681,002
Central America:									
Costa Rica <sup>1</sup> .....	11,277	10,309	9,104	10,422	4,970	3,131	1,040	884	903
El Salvador <sup>2</sup> .....	3,116,742	3,168,541	3,245,522	3,191,184	3,462,073	3,218,888	3,313,237	3,304,408	
Honduras.....	4,168,378	3,735,315	3,472,044	2,930,349	2,956,737	3,248,856	3,042,604	2,693,166	2,413,399
Nicaragua.....	234,719	245,047	285,958	276,846	252,318	321,530	240,197	4,262,924	224,103
South America:									
Bolivia <sup>3</sup> .....	7,241,376	5,626,372	7,362,520	8,139,378	7,299,561	6,797,213	6,683,560	6,106,157	6,237,000
Brazil.....	27,605	24,694	21,174	25,733	30,049	28,723	28,385	21,968	20,300
Chile <sup>4</sup> .....	1,174,049	1,571,496	1,233,495	1,000,000	1,093,542	1,000,000	1,000,000	747,044	
Colombia.....	242,628	260,310	271,115	246,276	207,710	198,915	167,614	152,474	110,830
Ecuador.....	104,519	172,292	274,335	260,771	362,013	441,345	255,965	254,271	156,931
Peru.....	17,644,649	19,366,096	15,119,047	16,035,022	14,659,744	15,832,215	12,886,661	12,334,150	10,782,909

See footnotes at end of table.

## World production of silver 1939-47—Continued

Country	1939	1940	1941	1942	1943	1944	1945	1946	1947
	Fine ounces								
<b>Europe:</b>									
Austria	1,153,697	1,108,172	1,104,346	220	3,110	11,028	542,158	499,558	643,000
Czechoslovakia	61,086				991,079	96,265	46,836	620,638	182,113
Finland	595,850	393,879		22,567	59,223	46,836	29,471	137,420	(6)
France	112,530	312,530	1,337,133	364,429	1,310,757	240,121	350,025	535,213	
Hungary	482,260	482,260	1,237,800	1,237,800	1,237,800	3,200	3,200		
Italy <sup>1</sup>	295,787	282,927	482,260	643,010	643,010	643,010	643,010		
Portugal			257,206	253,991	231,485	170,399	131,818	202,550	(6)
Romania	712,718	500,233	140,692	89,186	104,619	71,310	189,689	1,061	
Spain	30,511	253,380	173,083	177,151	210,459	228,495	207,565	481,200	
Sweden	658,704	762,198	756,443	963,847	856,914	1,036,669	746,080	469,433	
United Kingdom	70,818	81,496	57,942	45,902	32,916	33,742	26,968	824,667	(6)
<b>Asia:</b>									
Cyprus	134,583	59,508	103,232	34,558	13,328	7,611	3,156	(6)	
Formosa	338,229	299,148	288,486	235,987	212,140	130,004	14,154	14,154	
India	(6)		(6)	20,098	18,611	14,239	(6)	9,821	14,749
Indochina	1,1,585	1,739	849	42	(6)	(6)	(6)	(6)	(6)
Japan	11,571,800	11,329,300	11,574,300	10,288,200	7,595,400	7,701,900	2,390,800	1,281,600	2,272,400
Korea	3,719,213	3,661,511	3,413,549	3,200,000	2,900,000	2,847,222	(6)	(6)	(6)
Netherlands East Indies	618,000	1,498,300	1,260,097	231,197	26,071	17,208	17,208	913	
Philippines <sup>2</sup>	1,217,541	1,299,199	35,115	33,801	48,344	56,286	28,255	(6)	
Saudi Arabia	14,544								16,316
Algeria <sup>3</sup>	113,042	47,615	45,333	17,876	15,432	48,612	14,661	39,996	(6)
Bechuanaland	814	1,175	949	1,267	1,221	1,319	1,236	1,701	1,086
Belgian Congo and Ruanda-Urundi	2,314,750	3,536,400	3,472,000	3,922,200	3,118,500	2,625,000	4,138,000	5,043,165	
British East Africa	12,394	13,626	15,643	15,602	16,354	11,498	16,659	5,494	
Tananyika	27,990	36,735	40,143	25,242	18,140	17,119	21,749	21,179	
Uganda	1,376		1,005	1,127	1,468	306			
Morocco <sup>4</sup>	303,953	294,179	142,556	85,109	85,714	65,427	107,609	117,157	(6)
Portuguese East Africa	80,136	312	45,699	104	41			805	820
Rhodesia, Northern	173,556	186,080	170,364	163,776	119,322	103,776	95,392	93,392	73,277
Swaziland								95,168	91,900
Tunisia	53,724	41,474	55,974	51,023	8,906	35,78	163	(6)	211
Union of South Africa	1,182,516	1,292,284	1,482,903	1,477,557	1,334,042	1,213,051	1,243,435	60,122	
Oceania:	15,021,270	14,837,430	14,861,275	13,559,880	9,857,905	8,340,887	7,368,999	9,073,481	
Australia	16,115	23,029	30,383	28,911	19,048	9,355	26,351	6,058,296	
New Zealand	390,342	415,330	378,331	311,360	280,786	328,281	244,544	224,341	221,984

<sup>1</sup> Revised.<sup>2</sup> Preliminary.<sup>3</sup> United States Mint receipts.<sup>4</sup> Exports.<sup>5</sup> Exports to the United States.<sup>6</sup> Approximate.<sup>7</sup> Data not available.<sup>8</sup> Refinery production in the United States 1939-45 inclusive.<sup>9</sup> Accumulated refinery slimes.<sup>10</sup> Estimated.

# CHARACTERISTICS OF COINS IN CIRCULATION

## UNITED STATES

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	<i>Grams</i>			
1 dollar	26.73	900 silver, 100 copper	Millimeters	Millimeters
½ dollar	12.5	do	38.100	2.8956
¼ dollar	6.25	do	30.607	2.1844
½¢ dollar	2.5	do	24.257	1.7018
5 cents	5	75 copper, 25 nickel	17.907	1.3462
Do	5	56 copper, 35 silver, 9 manganese	21.209	1.9812
1 cent	3.110	95 copper, 5 zinc and tin	21.209	1.9812
Do	3.110	95 copper, 5 zinc	19.050	1.5748
Do	2.689	Zinc-coated steel	19.050	1.5748

## ALGERIA

[Coins in active circulation at end of December 1947]

5 francs	12	Aluminum-bronze <sup>1</sup>	31	2.35
2 francs	8	70 copper, 30 zinc	27	2.10
Do	8	Aluminum-bronze <sup>1</sup>	27	1.90
1 franc	4	do	23	1.50
50 centimes	2	do	18	1.35

<sup>1</sup> Copper 900 to 915, aluminum 85 to 90, other metals less than 10 percent.

## AUSTRALIA

[Coins in active circulation at end of December 1946<sup>2</sup>]

Crown	28.2765	925 silver, 75 copper	38.58	3
Florin	11.31036	do	28.68	2.14
Do	11.31036	75 copper, 25 nickel	28.68	2.14
Shilling	5.6553	925 silver, 75 copper	23.83	1.83
Do	5.6553	75 copper, 25 nickel	23.83	1.83
Sixpence	2.8276	925 silver, 75 copper	19.35	1.40
Do	2.8276	75 copper, 25 nickel	19.35	1.40
Threepence	1.4138	925 silver, 75 copper	16.13	1.04
Penny	9.4501	95.5 copper, 3.0 tin, 1.5 zinc	30.81	2.03
Halfpenny	5.6700	do	25.48	1.62

<sup>2</sup> Data for 1947 not yet available.

## AUSTRIA

[Coins in active circulation at end of December 1947]

2 schilling	2.8	98.5 aluminum, 1.5 manganese	28	2.0
1 schilling	2.0	do	25	1.8
50 groschen	1.4	do	22	1.6
10 groschen	3.5	Zinc	21	1.8
50 reichspfennig	1.3	Aluminum	22.5	1.6
10 reichspfennig	4	92 copper, 8 aluminum	21	1.8
Do	5.5	Zinc	21	1.8
5 reichspfennig	2.5	92 copper, 8 aluminum	18	1.5
Do	2.5	Zinc	19	1.5
1 reichspfennig	1.8	do	17	1.3

## BELGIAN CONGO

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		Millimeters	Millimeters
50 francs	17.5	600 silver, 400 copper	35	
5 francs	7.5	66½ copper, 33½ zinc	27	
5 francs	13	Mixed metal <sup>3</sup>	33	
2 francs	6	66½ copper, 33½ zinc	25 <sup>4</sup>	25 <sup>4</sup>
2 francs	5	do	22	
1 franc	2.5	do	19	
Do	10	do	29	
50 centimes	6.5	do	24	
20 centimes	6	Cupro-nickel	25	
10 centimes	4	do	22	
5 centimes	2.5	do	19	

<sup>3</sup> Copper, aluminum, nickel, zinc, and iron.<sup>4</sup> Hexagonal.

## BELGIUM

[Coins in active circulation at end of December 1947]

20 francs	6.4516	900 gold, 100 copper	21	
5 francs	14	Pure nickel	31	
Do	12	do	31	
Do	9	do	25	
Do	6	Zinc du commerce	25	
2 francs	2.75	Iron	19	
1 franc	5	Pure nickel	23	
Do	4.5	do	21.5	
Do	4.25	Zinc du commerce	21.5	
½ franc	2.5	Pure nickel	18	
25 centimes	6.5	75 copper, 25 nickel	26-4.5	
Do	6.5	64 copper, 20 zinc, 16 nickel	26-3.5	
Do	6.5	Zinc du commerce	26	
10 centimes	4	75 copper, 25 nickel	22-4	
Do	4	Copper, zinc, 15/100 nickel minimum	22	
Do	4	64 copper, 20 zinc, 16 nickel	22-3	
Do	4	Zinc du commerce	22	
5 centimes	2.5	75 copper, 25 nickel	19-3.5	
Do	2.5	Copper, zinc, 15/100 nickel minimum	19	
Do	2.5	64 copper, 20 zinc, 16 nickel	19-2.5	
Do	2.5	Zinc du commerce	19	
2 centimes	4	Pure copper	21.5	
1 centime	2	do	16.5	

<sup>5</sup> Round with round hole in center.

## BOLIVIA

[Coins in active circulation at end of December 1947]

50 centavos	5.5	95 copper, 5 zinc	24.3	3.0
20 centavos	3.25	Zinc with impurities	21.2	3.5
10 centavos	1.75	do	17.9	2.5
10 centavos <sup>6</sup>	2.5	75 copper, 25 nickel	20	2.5
5 centavos <sup>6</sup>	5.0	do	25	3.5

<sup>6</sup> Minor number in circulation.

## BRAZIL

[Coins in active circulation at end of December 1947]

5 cruzeiros	9	90 copper, 8 aluminum, 2 zinc	27	
2 cruzeiros	8	do	25	
1 cruzeiro	7	do	23	
50 centavos	5	do	21	
20 centavos	4	do	19	
10 centavos	3	do	17	

BRITISH GUIANA<sup>7</sup>

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
British Guiana fourpence ("bit").	Grams 1.88506	500 silver.....	Millimeters 16	Millimeters 1.5

<sup>7</sup> In addition, British coins circulate in the following denominations: Crown, half crown, florin, shilling sixpence, threepence, penny, and halfpenny.

## BRITISH HONDURAS

[Coins in active circulation at end of December 1946<sup>2</sup>]

50 cents.....	11.6205	Silver, 0.925 fineness.....	(\\$)	(\\$)
25 cents.....	5.8102	do.....	(\\$)	(\\$)
10 cents.....	2.3241	do.....	(\\$)	(\\$)
5 cents.....	3.6287	Mixed metal.....	(\\$)	(\\$)
1 cent.....	5.6700	Bronze.....	(\\$)	(\\$)

<sup>2</sup> Data for 1947 not yet available.

<sup>3</sup> Data not available.

## BRITISH EAST AFRICA

[Coins in active circulation at end of December 1947]

1 shilling.....	(\\$)	Silver.....	(\\$)	(\\$)
50 cents.....	(\\$)	do.....	(\\$)	(\\$)
10 cents.....	(\\$)	Bronze.....	(\\$)	(\\$)
5 cents.....	(\\$)	do.....	(\\$)	(\\$)
1 cent.....	(\\$)	do.....	(\\$)	(\\$)

<sup>4</sup> Data not available.

## BRITISH WEST AFRICA

[Coins in active circulation at end of December 1946<sup>2</sup>]

Florin.....	11.31036	Nickel-brass.....		
Shilling.....	5.65518	do.....		
Sixpence.....	3.499	do.....		
Threepence.....	5.184	80 copper, 20 nickel.....		
Penny.....	9.45	do.....		
Halfpenny.....	5.67	do.....		
Tenthpenny.....	1.944	do.....		

<sup>2</sup> Data for 1947 not yet available.

## CANADA

[Coins in active circulation at end of December 1947]

1 dollar.....	23.3276	925 silver, 75 copper and 800 silver, 200 copper.	35.9918	2.9718
50 cents.....	11.6638		29.6164	2.1336
25 cents.....	5.8319		23.5712	1.8288
10 cents.....	2.3328		17.7800	1.3462
5 cents.....	1.1664		15.4940	0.5842
Do.....	4.5359	Pure nickel.....	21.2090	
Do.....	4.5359		21.2598	1.9050
Do.....	4.5359	88 copper, 12 zinc (Tombac).....	21.2090	1.9050
1 cent.....	3.2399	Steel chrome plated.....	21.2090	1.9050
		98 copper, 1.5 zinc, 0.5 tin.....	19.0500	1.651

## COLOMBIA

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	<i>Grams</i>			
50 centavos.....	12.5	900 silver, 100 copper.....	30	1.85
Do.....	12.5	500 silver, 500 copper.....	30	1.85
20 centavos.....	5	900 silver, 100 copper.....	23	1.33
Do.....	5	500 silver, 500 copper.....	23	1.33
10 centavos.....	2.5	900 silver, 100 copper.....	18	1.05
Do.....	2.5	500 silver, 500 copper.....	18	1.05
5 centavos.....	4	75 copper, 25 nickel.....	21	1.30
Do.....	4	95 copper, 5 nickel.....	21	1.30
2 centavos.....	3	75 copper, 25 nickel.....	19	1.25
Do.....	3	95 copper, 5 nickel.....	19	1.25
1 centavo.....	2	75 copper, 25 nickel.....	17	1.05
Do.....	2	95 copper, 5 nickel.....	17	1.05

## CEYLON

[Coins in active circulation at end of December 1947]

50 cents.....	5.508	79 copper, 20 zinc, 1 nickel.....	24.130	1.854
25 cents.....	2.754	.....do.....	18.034	1.499
10 cents.....	4.212	.....do.....	(9)	1.372
5 cents.....	3.888	75 copper, 25 nickel.....	(10)	1.626
Do.....	3.888	79 copper, 20 zinc, 1 nickel.....	(10)	1.626
Do.....	3.240	.....do.....	(10)	1.473
2 cents.....	2.592	.....do.....	(11)	1.295
1 cent.....	4.725	95.5 copper, 2.5 zinc, 2 tin.....	22.352	1.727
Do.....	2.362	97 copper, 2.5 zinc, 0.5 tin.....	22.352	1.864
½ cent.....	2.362	.....do.....	18.034	1.549

<sup>9</sup> Across scallops, 22.860 mm. Inside scallops, 20.955 mm.<sup>10</sup> Diagonally, 21.563 mm. Across flats, 18.237 mm.<sup>11</sup> Across scallops, 18.415 mm. Inside scallops, 17.018 mm.

## CHILE

[Coins in active circulation at end of December 1947]

1 peso.....	7.5	95.5 copper, 3.0 tin, 1.5 zinc.....	25	.....
Do.....	10	75 copper, 25 nickel.....	29	.....
50 centavos.....	4	95.5 copper, 3.0 tin, 1.5 zinc.....	20.5	.....
20 centavos.....	3	.....do.....	18	.....
Do.....	4.5	75 copper, 25 nickel.....	22.5	.....
10 centavos.....	2	95.5 copper, 3.0 tin, 1.5 zinc.....	16.5	.....
Do.....	3	75 copper, 25 nickel.....	19.5	.....
5 centavos.....	2	.....do.....	16.5	.....

## COSTA RICA

[Coins authorized by law No. 846 of March 18, 1947]

2 colones.....	14	75 copper, 25 nickel.....	32	.....
1 colon.....	10	.....do.....	29	.....
50 centimos.....	7	.....do.....	26	.....
25 centimos.....	3.45	.....do.....	23	.....
10 centimos.....	2	95 copper, 4 zinc, 1 tin.....	18	.....
5 centimos.....	1	.....do.....	15	.....

## CYPRUS

[Coins in active circulation at end of December 1947]

1 piastre.....	5.184	Cupro-nickel.....	12 23	12 1.5
Do.....	5.184	Bronze.....	12 23	12 1.5
½ piastre.....	2.592	Cupro-nickel.....	12 19	12 1.0
Do.....	2.592	Bronze.....	12 19	12 1.0

<sup>12</sup> Approximate.

## CZECHOSLOVAKIA

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		Millimeters	Millimeters
50 koruny—Slovakia <sup>13</sup> .....	16.5	700 silver.....	34	-----
50 koruny (commemorative).....	10	500 silver.....	28	-----
20 koruny.....	12	700 silver.....	34	-----
20 koruny (commemorative) <sup>13</sup> .....	12	do.....	34	-----
20 koruny—Slovakia <sup>13</sup> .....	15	500 silver.....	31	-----
20 koruny—Slovakia (com- memorative). <sup>13</sup> .....	15	do.....	31	-----
10 koruny.....	10	700 silver.....	30	-----
10 koruny—Jubileo.....	10	do.....	30	-----
10 koruny—Slovakia <sup>13</sup> .....	7	500 silver.....	29	-----
2 koruny.....	6	800 copper, 20 nickel.....	23.5	-----
1 koruna.....	4.5	do.....	21	-----
1 koruna—Protectorate.....	4.5	Pure zinc.....	23	-----
1 koruna—Slovakia.....	5	80 copper, 20 nickel.....	22	-----
50 halers.....	5	do.....	22	-----
50 halers—Slovakia.....	3.33	do.....	20	-----
50 halers—Protectorate.....	3.7	Pure zinc.....	22	-----
50 halers—Slovakia.....	.967	Pure aluminum.....	20	-----
50 halers.....	3	92 copper, 8 zinc.....	20	-----
20 halers.....	3.33	80 copper, 20 nickel.....	20	-----
20 halers—Slovakia.....	.65	Pure aluminum.....	18	-----
20 halers—Protectorate.....	2.63	Pure zinc.....	20	-----
10 halers.....	2	92 copper, 8 zinc.....	18	-----
10 halers—Slovakia <sup>13</sup> .....	1.66	do.....	16	-----
10 halers—Protectorate.....	1.886	Pure zinc.....	17	-----
5 halers—Slovakia.....	.94	do.....	14	-----

<sup>13</sup> Withdrawn Dec. 31, 1947.

## DENMARK

[Coins in active circulation at end of December 1947]

2 kroner.....	13.0	92 copper, 6 aluminum, 2 nickel.....	31.5	2.45
1 krone.....	6.5	do.....	25.5	1.90
25 øre.....	4.5	75 copper, 25 nickel.....	23.0	1.65
Do.....	3.6	Zinc.....	23.0	1.62
10 øre.....	3.0	75 copper, 25 nickel.....	18.0	1.75
Do.....	2.4	Zinc.....	18.0	1.63
5 øre.....	7.6	95 copper, 4 tin, 1 zinc.....	27.0	1.92
Do.....	2.4	Aluminum.....	27.0	1.76
Do.....	6.4	Zinc.....	27.0	1.80
2 øre.....	3.8	95 copper, 4 tin, 1 zinc.....	21.0	1.55
Do.....	1.2	Aluminum.....	21.0	1.45
Do.....	3.2	Zinc.....	21.0	1.47
1 øre.....	1.9	95 copper, 4 tin, 1 zinc.....	16.0	1.32
Do.....	1.6	Zinc.....	16.0	1.31

DOMINICAN REPUBLIC<sup>14</sup>

[Coins in active circulation at end of December 1947]

1 peso.....	26.7	900 silver, 100 copper.....	38.100	2.8956
½ peso.....	12.5	do.....	30.607	2.1844
25 centavos.....	6.25	do.....	24.257	1.7018
10 centavos.....	2.5	do.....	17.907	1.3462
5 centavos.....	5	75 copper, 25 nickel.....	21.209	1.9812
1 centavo.....	3	95 copper, 5 zinc and tin.....	19.050	1.5748

<sup>14</sup> United States coins also circulate.

## ECUADOR

[Coins in active circulation at end of December 1947]

Denomination	Gross Weight	Composition (proportion of metals)	Diameter	Thickness
	<i>Grams</i>			
5 sucres <sup>6</sup>	25	720 silver, 280 copper	37.5	
2 sucres <sup>6</sup>	10	do	28.75	
1 sucre <sup>6</sup>	5	do	23.5	
1 sucre	7	Pure nickel	26	
20 centavos	4	80 copper, 20 zinc	21	
Do	4	75 copper, 25 nickel	21	
10 centavos	3	80 copper, 20 zinc	19	
Do	3	75 copper, 25 nickel	19	
5 centavos	2	80 copper, 20 zinc	17	
Do	2	75 copper, 25 nickel	17	

<sup>6</sup> Minor number in circulation.

## EL SALVADOR

[Coins in active circulation at end of December 1947 <sup>15</sup>]

25 centavos	7.5	900 silver, 100 copper	29	
10 centavos	7	75 copper, 25 nickel	26	
5 centavos	5	70 copper, 18 zinc, 12 nickel	23	
3 centavos	3.5	75 copper, 25 nickel	20	
1 centavo	2.5	95 copper, 5 zinc	16	
Do	2.5	75 copper, 25 nickel	16	

<sup>15</sup> United States dimes also circulate as 25-centavo denomination.

## ETHIOPIA

[Coins in active circulation at end of December 1947]

50 cents	7.0307	800 silver, 200 copper and 700 silver, 300 copper	25	2
25 cents	6.8039	95 copper, 5 zinc and 95 copper, 5 zinc and tin	26	1.8
10 cents	6.0911	do	23	2.1
5 cents	4.0175	do	20	1.8
1 cent	2.8511	do	17	1.8

## FIJI

[Coins in active circulation at end of December 1947]

Florin	11.31036	500 silver, 500 copper	28.6258	2.1590
1 shilling	5.65518	do	23.8760	1.6510
Sixpence	2.82759	do	19.4310	1.3461
Penny	6.47990	75 copper, 25 nickel	26.0558	1.9050
Halfpenny	3.23995	do	21.0058	1.6002

## FINLAND

[Coins in active circulation at end of December 1947]

20 markkaa	13.000	92 copper, 6 aluminum, 2 nickel	31.0	
10 markkaa	8.000	do	27.0	
5 markkaa	4.500	do	23.0	
Do	4.550	63 copper, 37 zinc	23.0	
1 markka	4.000	75 copper, 25 nickel	21.0	
Do	4.000	Pure copper, or; 95 copper, 4 tin, 1 zinc	21.0	
Do	3.500	Iron	21.0	
50 pennia	2.550	75 copper, 25 nickel	18.5	
Do	2.550	Pure copper, or; 95 copper, 4 tin, 1 zinc	18.5	
Do	2.250	Iron	18.5	
25 pennia	1.275	75 copper, 25 nickel	16.0	
Do	1.275	Pure copper, or; 95 copper, 4 tin, 1 zinc	16.0	
Do	1.125	Iron	16.0	

## FINLAND—Continued

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		Millimeters	Millimeters
10 penniä	5.000	Pure copper, or; 95 copper, 4 tin, 1 zinc	22.0	
Do	2.550	do	18.5	
Do	1.125	Iron	{ 16.0	
5 penniä	2.500	Pure copper, or; 95 copper, 4 tin, 1 zinc	{ 18.0	
Do	1.275	do	{ 16.0	
			{ 16.0	

<sup>16</sup> Perforation.FRANCE <sup>17</sup>

[Coins in active circulation at end of December 1947]

20 francs	10	75 copper, 25 nickel	30	
10 francs	7	do	26	
5 francs	12	91 copper, 9 aluminum	30	
Do	3.5	Aluminum	31	
2 francs	8	91 copper, 9 aluminum	27	
Do	2.2	Aluminum	27	
1 franc	4	91 copper, 9 aluminum	23	
Do	1.3	Aluminum	23	
50 centimes	2	91 copper, 9 aluminum	18	
Do	0.7-	Aluminum	18	
	0.8			

<sup>17</sup> Bronz-aluminum coins being withdrawn from circulation in metropolitan France and progressively placed in circulation in French overseas territories.

## GREAT BRITAIN

[Coins in active circulation <sup>18</sup>]

Crown	28.27590	75 copper, 25 nickel		
Half-crown	14.13795	do		
Florin	11.31036	do		
Shilling	5.65518	do		
Sixpence	2.82759	do		
Threepence	1.41379	do		

<sup>18</sup> Coins authorized by the coinage act of 1946.

## GUATEMALA

[Coins in active circulation at end of December 1947]

25 centavos	8½	720 silver, 280 copper	27	.13
10 centavos	3½	do	21	.08
5 centavos	1½	do	16	.07
1 centavo	3	70 copper, 30 zinc	21	.10
½ centavo	1½	do	16	.065

HONDURAS <sup>19</sup>

[Coins in active circulation at end of December 1947]

1 lempira	12.5	900 silver, 100 copper	31	
50 centavos	6.25	do	24	
20 centavos	2.5	do	18	
10 centavos	7	75 copper, 25 nickel	26	
5 centavos	5	do	21	
2 centavos	3	95 copper, 5 zinc and tin	20	
1 centavo	2	do	10	

<sup>19</sup> United States coins also circulate.

## HUNGARY

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		Millimeters	Millimeters
5 forints	20.0	500 silver.....	32	1.55
2 forints	2.8	Aluminum.....	28	1.79
1 forint	1.5	.....do.....	23	1.34
20 fillér	4.0	96 copper, 4 aluminum.....	21	1.30
10 fillér	3.0	.....do.....	19	1.38
2 fillér	3.0	90 copper, 10 zinc.....	17	1.55

## INDIA

[Coins in active circulation at end of December 1947]

1 rupee <sup>20</sup>	11.6638	500 silver, 500 copper, zinc and nickel.....		
Do. <sup>20</sup>	11.6638	Pure nickel.....	27.94	
½ rupee <sup>20</sup>	5.8319	500 silver, 500 copper, zinc and nickel.....		
Do. <sup>20</sup>	5.8319	Pure nickel.....	24.13	
¼ rupee <sup>20</sup>	2.9160	500 silver, 500 copper, zinc and nickel.....		
Do. <sup>20</sup>	2.9160	916½ silver, 83½ copper.....		
Do. <sup>20</sup>	2.9160	Pure nickel.....	19.05	
2 annas <sup>21</sup>	0.7452	916½ silver, 83½ copper.....		
Do. <sup>21</sup>	5.8319	79 copper, 20 zinc, 1 nickel.....	{ <sup>22</sup> 22.352 { <sup>22</sup> 25.40	
Do. <sup>21</sup>	5.8319	75 copper, 25 nickel.....	{ <sup>22</sup> 22.352 { <sup>22</sup> 25.40	
1 anna <sup>24</sup>	3.8879	79 copper, 20 zinc, 1 nickel.....	{ <sup>21</sup> 19.7993 { <sup>21</sup> 21.0058	
Do. <sup>24</sup>	3.8879	75 copper, 25 nickel.....	{ <sup>21</sup> 19.7993 { <sup>21</sup> 21.0058	
½ anna <sup>21</sup>	2.9160	79 copper, 20 zinc, 1 nickel.....	{ <sup>21</sup> 19.7612 { <sup>21</sup> 17.3736	
Do. <sup>21</sup>	2.9160	75 copper, 25 nickel.....	{ <sup>21</sup> 19.7612 { <sup>21</sup> 17.3736	
2 pice		95.5 copper, 3 tin, 1.5 zinc.....		
1 pico <sup>20</sup>	4.8599	97 copper, 2.5 zinc, 0.5 tin.....		
Do. <sup>20</sup>	1.9940	.....do.....	{ <sup>21</sup> 21.336 { <sup>21</sup> 9.398	
Do. <sup>20</sup>		95.5 copper, 3 tin, 1.5 zinc.....		
Do. <sup>20</sup>		95 copper, 4 tin, 1 zinc.....		
½ pice <sup>20</sup>	2.4300	97 copper, 2.5 zinc, 0.5 tin.....		
Do. <sup>20</sup>		95.5 copper, 3 tin, 1.5 zinc.....		
Do. <sup>20</sup>		95 copper, 4 tin, 1 zinc.....		
1 pie <sup>20</sup>	1.6200	97 copper, 2.5 zinc, 0.5 tin.....		

<sup>20</sup> Round.<sup>21</sup> Square with rounded corners and unmilled edge.<sup>22</sup> Across flat.<sup>23</sup> Across corner.<sup>24</sup> Sennous edge with 12 scallops.<sup>25</sup> Greatest.<sup>26</sup> Least.<sup>27</sup> Dlagonal.<sup>28</sup> Side.<sup>29</sup> Round with round hole in center.<sup>30</sup> Outside.<sup>31</sup> Inside.

## INDOCHINA

[Coins in active circulation at end of December 1947. Silver coins of 50 cent denomination withdrawn from circulation by administrative order of April 24, 1947, published in Journal Officiel of May 1, 1947]

1 piastre	20	900 silver.....	35	2.50
50 cents	12.6	75 copper, 25 nickel.....	30	2.44
20 cents	7	90 nickel, 10 copper.....	24	1.75
Do.	7	75 nickel, 25 copper.....	24	1.75
Do.	2.2	Aluminiun.....	27	1.80
10 eents	3	90 nickel, 10 copper.....	18	1.55
Do.	3	75 nickel, 25 copper.....	18	1.55
Do.	1.3	Aluminiun.....	23	1.55
5 cents	.75	.....do.....	20	1.32
Do.	.70	.....do.....	18	1.32
1 cent	.50	.....do.....	17	1.24

## IRAN

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		Millimeters	Millimeters
1 pahlavi .....	8.13598	900 gold .....	22	
½ pahlavi .....	4.06799	do .....	19	
10 rials .....	16	600 silver .....	32	
5 rials .....	8	do .....	26	
2 rials .....	3.2	do .....	22	
1 rial .....	1.6	do .....	18	
50 dinars .....	3.49	Copper .....	20	
Do .....	3.49	91.5 copper, 8.5 aluminum .....	20	
10 dinars .....	2.68	do .....	18	
5 dinars .....	1.65	do .....	16	

## IRAQ

[Coins in active circulation at end of December 1947]

200 fils (riyal) .....	20	900 silver .....	34.0	
50 fils (dirham) .....	9	500 silver .....	26.5	
20 fils .....	3.6	do .....	20.5	
10 fils .....	6.75	Pure nickel .....	25.0	
4 fils .....	4	do .....	21.0	
2 fils .....	5	95.5 copper, 3.0 tin, 1.5 zinc .....	24.0	
1 fil .....	2.5	do .....	19.5	

## IRELAND

[Coins in active circulation at end of December 1947]

Half crown .....	14.13795	750 silver, 250 copper .....	32.385	2.286
Florin .....	11.31036	do .....	28.575	2.286
Shilling .....	5.65518	do .....	23.749	1.778
Sixpence .....	4.53593	Pure nickel, and cupro-nickel .....	20.955	1.905
Threepence .....	3.23995	do .....	17.653	1.905
Penny .....	9.44984	Mixed metal (copper, tin and zinc) .....	30.861	1.905
Halfpenny .....	5.66990	do .....	25.527	1.778
Farthing .....	2.83495	do .....	20.193	1.524

## ITALY

[Coins in active circulation at end of December 1946 <sup>2</sup>]

10 lire .....	3	Aluminum-magnesium-manganese .....	29	
5 lire .....	2.5	do .....	26.7	
2 lire .....	1.75	do .....	24.1	
1 lira .....	1.25	do .....	21.6	

<sup>2</sup> Data for 1947 not yet available.JAMAICA, BRITISH WEST INDIES <sup>22</sup>

[Coins in active circulation at end of December 1947]

Penny .....	( <sup>8</sup> )	Nickel-brass .....	( <sup>8</sup> )	( <sup>8</sup> )
Halfpenny .....	( <sup>8</sup> )	do .....	( <sup>8</sup> )	( <sup>8</sup> )
Farthing .....	( <sup>8</sup> )	do .....	( <sup>8</sup> )	( <sup>8</sup> )

<sup>22</sup> British silver coins also circulate.<sup>8</sup> Data not available.

## JAPAN

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams			
50 sen.....	4.5	60-70 copper, 30-40 zinc.....	23.5	1.65
Do.....	2.8	do.....	19	1.2
10 sen.....	1.5	Pure aluminum.....	22	1.8
Do.....	1.2	do.....	22	1.53
Do.....	1	do.....	22	1.27
Do.....	1	do.....	22	1.312
Do <sup>33</sup> .....	2.4	93 tin, 7 zinc.....	{ 34 19 35 5 34 22 35 4.6}	1.65
Do <sup>33</sup> .....	4	95 copper, 5 aluminum.....	{ 34 19 35 4}	1.71
5 sen <sup>33</sup> .....	2.8	do.....	{ 34 17 35 4}	1.48
Do <sup>33</sup> .....	1.95	93 tin, 7 zinc.....	{ 34 17 35 4}	1.65
Do <sup>33</sup> .....	2	do.....	17	1.48
Do.....	1.2	Pure aluminum.....	19	1.87
Do.....	1	do.....	19	1.61
Do.....	0.8	do.....	19	1.332
1 sen.....	3.75	95 copper, 4 tin, 1 zinc.....	23.03	1.37
Do.....	3.75	90 copper, 10 zinc.....	23.03	1.32
Do.....	0.9	Pure aluminum.....	17.5	1.68
Do.....	0.65	do.....	16	1.57
Do.....	0.55	do.....	16	1.312
Do.....	1.3	50 tin, 50 zinc.....	15	1.45

<sup>33</sup> Round with round hole in center.<sup>34</sup> Outside.<sup>35</sup> Inside.

## LEBANON

[Coins in active circulation at end of December 1947]

50 piasters.....	10	680 silver, 320 copper.....	28	2
25 piasters.....	5	do.....	24	1.5
10 piasters.....	2	do.....	17	1
5 piasters.....	4.2	Bronze-aluminum.....	22.5	1.5
2½ piasters.....	2.9	do.....	21	1.5
2 piasters.....	1.9	do.....	18	1

## LIBERIA

[Coins in active circulation at end of December 1947<sup>36</sup>]

½ dollar.....	15.0	( <sup>3</sup> ).....	29.5	2.00
Quarter.....	16.5	( <sup>3</sup> ).....	23.5	1.25
Dime.....	2.5	( <sup>3</sup> ).....	17.5	1.00
2 cents.....	9.0	( <sup>3</sup> ).....	29.0	1.25
1 cent.....	5.5	( <sup>3</sup> ).....	25.0	1.15
½ cent.....	2.0	( <sup>3</sup> ).....	17.5	1.00

<sup>36</sup> United States also circulate. Liberian coins rarely seen.<sup>37</sup> Data not available.

## MADAGASCAR

[Coins in active circulation at end of December 1947]

2 francs (Chambre de Commerce).....	7.93	( <sup>3</sup> ).....	26	1-7.5
2 francs (Republique Francoise).....	7.99	( <sup>3</sup> ).....	26	1-8.5
1 franc (Chambre de Commerce).....	4.03	( <sup>3</sup> ).....	23	1-0.3
1 franc (Republique Francoise).....	3.88	( <sup>3</sup> ).....	23-9.5	1-2.25
1 franc (Croix de Lorraine).....	5.52	( <sup>3</sup> ).....	25-4.5	1-0.2
50 centimes (Republique Francoise).....	2.04	( <sup>3</sup> ).....	18-9.5	1-0.1
50 centimes (Croix de Lorraine).....	2.78	( <sup>3</sup> ).....	20-0.1	1-0.1

<sup>38</sup> Data not available.

## MALAYA

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
		<i>Grams</i>		
1 dollar	20.217	900 silver	(8)	
Do	16.348	500 silver	(8)	
½ dollar	10.108	900 silver	(8)	
Do	8.424	500 silver	(8)	
20 cents	5.430	800 silver	23.2917	
Do	5.430	750 silver	23.2917	
Do	5.430	600 silver	34.3917	
Do	5.430	500 silver	23.2917	
Do	5.430	400 silver	23.2917	
10 cents	2.715	800 silver	18.0339	
Do	2.715	750 silver	18.0339	
Do	2.715	600 silver	18.0339	
Do	2.715	500 silver	18.0339	
Do	2.715	400 silver	18.0339	
5 cents	1.357	800 silver	15.6971	
Do	1.357	750 silver	15.6971	
Do	1.357	600 silver	15.6971	
Do	1.357	500 silver	15.6971	
Do	1.357	400 silver	15.6971	
1 cent	5.832	75 copper, 25 nickel	(8)	
Do	5.832	95 copper, 4 tin, 1 zinc	(8)	
Do	4.212	do	(8)	

<sup>8</sup> Data not available.

## MEXICO

[Coins in active circulation at end of December 1947]

5 pesos	30	900 silver, 100 copper	40	17 3
1 peso	14	500 silver, 400 copper, 60 nickel, 40 zinc	32	17 2.28
20 centavos	10	950 copper, 40 zinc, 10 tin	28.5	37 2
10 centavos	5.5	800 copper, 200 nickel	23.5	37 1.8
5 centavos	6.5	do	25.5	37 1.6
1 centavo	3	do	20	37 1.5

<sup>37</sup> Variable.

## MOROCCO

[Coins in active circulation at end of December 1947]

20 francs	10	75 copper, 25 nickel	38 30	1.2
10 francs	7	do	38 26	1.2
5 francs	12	91 copper, 9 aluminum	39 31	2
2 francs	(8)	do	39 27	2
1 franc	(8)	do	39 22	1
½ franc	(8)	do	39 18	1

<sup>38</sup> Millcd.<sup>39</sup> Smooth.<sup>8</sup> Data not available.

## NETHERLANDS

[Coins in active circulation at end of December 1947]

Rijksdaalder (2½ gulden)	25.000	720 silver, 280 copper	38	
Gulden	10.000	do	28	
Halve gulden	5.000	do	22	
Kwartje (25-cent).	3.575	640 silver, 360 copper	19	
Do	5.000	Zinc	26	
Dubbeltje (10 cent)	1.400	640 silver, 360 copper	15	
Do	3.300	Zinc	22	
Stuiver (5-cent)	4.500	75 copper, 25 nickel	40 18	
Do	3.600	Zinc	18	
Halve stuiver (2½-cent)	4.000	95 copper, 4 tin, 1 zinc	23.5	
Do	2.800	Zinc	20	
Centstukken	2.500	95 copper, 4 tin, 1 zinc	19	
Do	2.000	Zinc	17	
½ centstukken	2.250	95 copper, 4 tin, 1 zinc	14	

<sup>40</sup> Square.

## NETHERLANDS EAST INDIES

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		Millimeters	Millimeters
10 florin	6.72	900 gold, 100 copper	22.5	
5 florin	3.36	do	18.0	
2½ florin	25.00	720 silver, 280 copper	38.0	
1 florin	10.00	do	28.0	
50 cents	5.00	do	22.0	
25 cents	3.18	do	19.0	
10 cents	1.25	do	15.0	
5 cents	5.00	75 copper, 25 nickel	21.0	
2½ cents	12.50	95 copper, 5 tin and zinc; or 95 copper, 5 zinc	31.0	
1 cent	4.80	do	23.5	
½ cent	2.30	do	17.0	

## NETHERLANDS GUIANA (SURINAM)

[Coins in active circulation at end of December 1947]

2½ guilders	25	75 silver, 280 copper	38	
1 guilder	10	do	28	
½ guilder	5	do	22	
¼ guilder	3.575	640 silver, 360 copper	19	
½½ guilder	1.4	do	15	
5 cents	4.5	Nickel-silver	18	
2½ cents	4	95 copper, 4 zinc, 1 tin; or 70 copper, 30 zinc	23.5	
1 cent	2.5	do	19	

## NETHERLANDS WEST INDIES (CURACAO)

[Coins in active circulation at end of December 1947]

Rijksdaalder	25	720 silver, 280 copper	38	
Gulden	10	do	28	
Kwartje	3.575	640 silver, 360 copper	19	
Dubbeltje	1.4	do	15	
Stuiver	4.5	75 copper, 25 nickel	18	
12½ cents	4	95 copper, 4 zinc, 1 tin	23.5	
1 cent	2.5	do	19	
½ cent	1.25	95 copper, 4 zinc, 1 tin; and 95 copper, 5 zinc	14	

<sup>40</sup> Square.NEW ZEALAND <sup>41</sup>

[Coins in active circulation at end of December 1947]

Half crown	14.13795	500 silver, 500 copper	32.3088	
Do	14.13795	75 copper, 25 nickel	32.3088	
Florin	11.31036	500 silver, 500 copper	28.6004	
Do	11.31036	75 copper, 25 nickel	28.6004	
Shilling	5.65518	500 silver, 500 copper	23.6474	
Do	5.65518	75 copper, 25 nickel	23.6474	
Sixpence	2.82759	500 silver, 500 copper	19.4310	
Do	2.82759	75 copper, 25 nickel	19.4310	
Threepence	1.41379	500 silver, 500 copper	16.3068	
Do	1.41379	75 copper, 25 nickel	16.3068	

<sup>41</sup> Cupro-nickel coins in process of substitution for silver coins.

## ADDENDA

127

## NICARAGUA

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		Millimeters	Millimeters
1 cordoba	25	900 silver, 100 copper	38	
50 centavos	12.5	800 silver, 200 copper	30	
Do.	8	75 copper, 25 nickel	26	
25 centavos	6.25	800 silver, 200 nickel	24	
Do.	5	75 copper, 25 nickel	23	
Do.	7.5	70 copper, 30 zinc	27	
10 centavos	2.5	800 silver, 200 copper	18	
Do.	4	75 copper, 25 nickel	20	
Do.	5.5	70 copper, 30 zinc	24	
5 centavos	3	75 copper, 25 nickel	17	
Do.	3.75	70 copper, 30 zinc	21	
Do.	5	75 copper, 25 nickel	21	
1 centavo	2.5	70 copper, 30 zinc	18	
Do.	4	95 copper, 5 zinc	20	
½ centavo	2	do	17	

## NORWAY

[Coins in active circulation at end of December 1946 <sup>2</sup>]

1 krone	7	75 copper, 25 nickel	25	5
50 øre	4.8	do	22	4
Do.	4	Zinc	22	
25 øre	2.4	75 copper, 25 nickel	17	3
Do.	2	Zinc	17	
10 øre	1.5	75 copper, 25 zinc	15	3
Do.	1.25	Zinc	15	
5 øre	8	95 copper, 4 tin, 1 zinc	27	
Do.	7	Iron	27	
2 øre	4	95 copper, 4 tin, 1 zinc	21	
Do.	3.5	Iron	21	
1 øre	2	95 copper, 4 tin, 1 zinc	16	
Do.	1.75	Iron	16	

<sup>2</sup> Data for 1947 not yet available.

## PALESTINE

[Coins in active circulation at end of December 1946 <sup>2</sup>]

100 mils	11.6638	720 silver, 280 copper	29	
50 mils	5.8319	do	23.6	
20 mils	11.3398	75 copper, 25 nickel	30.5	
10 mils	6.4799	do	27	
5 mils	2.9160	do	20	
2 mils	7.7759	95.5 copper, 3 tin, 1.5 zinc	28	
1 mil	3.2399	do	21	

<sup>2</sup> Data for 1947 not yet available.PANAMA (REPUBLIC OF)<sup>14</sup>

[Coins in active circulation at end of December 1947]

1 balboa	26.73	900 silver, 100 copper	38	
0.50 balboa	12.5	do	30	
0.25 balboa	6.25	do	25	
0.10 balboa	2.5	do	18	
0.05 balboa	5	75 copper, 25 nickel	21	
0.025 balboa	3.17	do	18	
0.0125 balboa	4.8	95 copper, 5 nickel	20	
0.01 balboa	4.8	95 copper, 5 zinc	19	

<sup>14</sup> United States coins also circulate.

## PARAGUAY

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		Millimeters	Millimeters
50 centimos.....	6	Bronze-aluminum.....	25	1.5
25 centimos.....	5	do.....	23	1.5
10 centimos.....	4	do.....	21	1.45
5 centimos.....	3	do.....	19	1.32
1 centimo.....	2	do.....	17	1.10

## PERU

[Coins in active circulation at end of December 1947]

1 sol.....	14	70 copper, 30 zinc.....	33	1.97
Do.....	14	79 copper, 20 zinc, 1 nickel.....	33	1.97
½ sol.....	7.5	70 copper, 30 zinc.....	27	1.55
Do.....	7.5	79 copper, 20 zinc, 1 nickel.....	27	1.55
20 centavos.....	7	75 copper, 25 nickel.....	24	1.93
Do.....	7	70 copper, 30 zinc.....	24	1.87
10 centavos.....	4	75 copper, 25 nickel.....	20	2.00
Do.....	4	70 copper, 30 zinc.....	20	1.58
5 centavos.....	3	75 copper, 25 nickel.....	17	1.60
Do.....	3	70 copper, 30 zinc.....	17	1.60
2 centavos.....	10	95 copper, 3 tin, 2 zinc.....	24	2.25
Do.....	5	95 copper, 5 zinc.....	24	1.25
1 centavo.....	5	95 copper, 3 tin, 2 zinc.....	19	2.00
Do.....	2.5	95 copper, 5 zinc.....	19	.90

## PHILIPPINES

[Coins in active circulation at end of December 1947]

1 peso.....	20	800 silver, 200 copper.....	(\\$)	(\\$)
50 centavos.....	10	750 silver, 250 copper.....	(\\$)	(\\$)
20 centavos.....	4	do.....	(\\$)	(\\$)
10 centavos.....	2	do.....	(\\$)	(\\$)
5 centavos.....	4.87	65 copper, 12 nickel, 23 zinc.....	(\\$)	(\\$)
1 centavo.....	5.184	95 copper, 5 zinc.....	(\\$)	(\\$)

Data not available.

## PORTUGAL

[Coins in active circulation at end of December 1947]

10 escudos.....	12.5	835 silver, 165 copper.....	30	1.71
5 escudos.....	7	650 silver, 350 copper.....	25	1.43
2½ escudos.....	3.5	do.....	20	1.12
1 escudo.....	8	61 copper, 20 zinc, 19 nickel.....	26.8	1.62
50 centavos.....	4.5	do.....	22.8	1.27
20 centavos.....	5	96 copper, 4 zinc.....	25	1.24
Do.....	3	95 copper, 3 zinc, 2 tin.....	20.5	1.07
10 centavos.....	4	96 copper, 4 zinc.....	22.5	1.19
Do.....	2	95 copper, 3 zinc, 2 tin.....	17.5	.96
5 centavos.....	3	96 copper, 4 zinc.....	19	1.24

## PORTUGUESE EAST AFRICA (MOZAMBIQUE)

[Coins in active circulation at end of December 1947]

10 escudos.....	12.5	835 silver, 165 copper.....	30.0	
5 escudos.....	7	650 silver, 350 copper.....	25.0	
2½ escudos.....	3.5	do.....	20.0	
1 escudo.....	8	80 copper, 20 nickel.....	26.8	
Do.....	8	96 copper, 4 zinc.....	26.8	
50 centavos.....	4.5	do.....	22.8	
20 centavos.....	5	do.....	25.0	
10 centavos.....	4	do.....	22.5	

## PORTUGUESE WEST AFRICA (ANGOLA)

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams	(%)	Millimeters	Millimeters
50 centavos.....	9.6	(8)	30	1.75
20 centavos.....	3.65	(8)	24.35	1.24
10 centavos.....	2.4	(8)	19.8	1.00
5 centavos.....	1.15	(8)	15.5	0.98

<sup>a</sup> Data not available.

## RUMANIA

[Coins <sup>42</sup> in active circulation at end of December 1947]

5 lei.....	1.5	Aluminum with 1.5 percent impurities.....	23	
2 lei.....	3.5	92 copper, 8 zinc.....	21	
1 leu.....	2.5	63 copper, 37 zinc.....	18	
50 bani.....	1.7	do.....	16	

<sup>42</sup> The following denominations were retired as of Aug. 15, 1947: Silver, 100,000 lei and 10,000 lei; copper-zinc, 2,000 lei; and aluminum, 500 lei.

## SAUDI ARABIA

[Coins in active circulation at end of December 1947]

1 riyal.....	11.6638	916 2/3 silver, 83 1/3 copper.....	30.5054	
1/2 riyal.....	5.8319	do.....	19.5072	
1/4 riyal.....	2.9160	do.....	24.3840	
1 girsh (gursh).....	6.5	75 copper, 25 nickel.....	26	
1/2 girsh.....	5.5	do.....	23	
1/4 girsh.....	4.25	do.....	20	

## SPAIN

[Coins in active circulation at end of December 1947]

1 peseta.....	3.50	90 copper, 10 aluminum.....	21	1.60
25 centimos.....	7.00	75 copper, 25 nickel.....	25	2.00
10 centimos.....	1.85	97.5 aluminum, 2.5 copper.....	23	2.05
5 centimos.....	1.15	do.....	21	1.75

SOUTHERN RHODESIA <sup>43</sup>

[Coins in active circulation at end of December 1947]

Half-crown (2½ s.).....	14.13795	500 silver, 400 copper, 50 nickel, 50 zinc.....	32.3089	2.3114
Do.....	14.13795	925 silver, 75 copper.....	32.3089	(44)
Do.....	14.13795	75 copper, 25 nickel.....	32.3089	2.3698
Florin (2 s.).....	11.31036	500 silver, 400 copper, 50 nickel, 50 zinc.....	28.4989	2.3114
Do.....	11.31036	925 silver, 75 copper.....	28.4989	(44)
Do.....	11.31036	75 copper, 25 nickel.....	28.4989	2.3343
Shilling.....	5.65518	500 silver, 400 copper, 50 nickel, 50 zinc.....	23.5967	1.7526
Do.....	5.65518	925 silver, 75 copper.....	23.5967	(44)
Do.....	5.65518	75 copper, 25 nickel.....	23.5967	1.7780
Sixpence.....	2.82759	500 silver, 400 copper, 50 nickel, 50 zinc.....	19.4057	1.3716
Do.....	2.82759	925 silver, 75 copper.....	19.4057	(44)
Do.....	2.82759	75 copper, 25 nickel.....	19.4057	1.4732
Threepence.....	1.41379	500 silver, 400 copper, 50 nickel, 50 zinc.....	16.2561	1.0160
Do.....	1.41379	925 silver, 75 copper.....	16.2561	(44)
Do.....	1.41379	75 copper, 25 nickel.....	16.2561	1.0668
Penny.....	6.47989	do.....	27	1.6764
Do.....	6.47989	97 copper, 2.5 zinc, 0.5 tin.....	27	1.6764
Half-penny.....	2.91595	75 copper, 25 nickel.....	21	1.4478
Do.....	2.91595	97 copper, 2.5 zinc, 0.5 tin.....	21	1.4478

<sup>43</sup> Coins of Southern Rhodesia circulate in Northern Rhodesia and Nyasaland where British coins also circulate.<sup>44</sup> Thickness of coins of 925 fineness slightly less for corresponding denominations of 500 fineness.

## SWEDEN

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		Millimeters	Millimeters
5 kronor.....	25.00	900 silver, 100 copper.....	36	
2 kronor.....	15.00	800 silver, 200 copper.....	31	
Do.....	14.00	400 silver, 500 copper, 50 nickel, 50 zinc.....	31	
1 krona.....	7.50	800 silver, 200 copper.....	25	
Do.....	7.00	400 silver, 500 copper, 50 nickel, 50 zinc.....	25	
50 ore.....	5.00	600 silver, 400 copper.....	22	
Do.....	4.80	400 silver, 500 copper, 50 nickel, 50 zinc.....	22	
Do.....	4.80	75 copper, 25 nickel.....	22	
25 ore.....	2.42	600 silver, 400 copper.....	17	
Do.....	2.32	400 silver, 500 copper, 50 nickel, 50 zinc.....	17	
Do.....	2.40	75 copper, 25 nickel.....	17	
10 ore.....	1.45	400 silver, 600 copper.....	15	
Do.....	1.44	400 silver, 500 copper, 50 nickel, 50 zinc.....	15	
Do.....	1.50	75 copper, 25 zinc.....	15	
5 ore.....	8.00	95 copper, 4 tin, 1 zinc.....	27	
Do.....	6.90	Iron.....	27	
2 ore.....	4.00	95 copper, 4 tin, 1 zinc.....	21	
Do.....	3.50	Iron.....	21	
1 ore.....	2.00	95 copper, 4 tin, 1 zinc.....	16	
Do.....	1.70	Iron.....	16	

## SWITZERLAND

[Coins in active circulation at end of December 1947]

5 francs.....	15	835 silver, 165 copper.....	31	2.6
2 francs.....	10	do.....	27	2.2
1 franc.....	5	do.....	23	1.6
½ franc.....	2.5	do.....	18	1.35
20 centimes.....	4	Nickel.....	21	1.8
Do.....	4	75 copper, 25 nickel.....	21	1.8
10 centimes.....	3	Nickel.....	19	1.55
Do.....	3	75 copper, 25 nickel.....	19	1.55
5 centimes.....	2	Nickel.....	17	1.35
Do.....	2	75 copper, 25 nickel.....	17	1.35
2 centimes.....	3	95 copper, 4 zinc, 1 tin.....	20	1.45
Do.....	2.4	Zinc.....	20	1.45
1 centime.....	1.5	95 copper, 4 zinc, 1 tin.....	16	1.15
Do.....	1.2	Zinc.....	16	1.15

## SYRIA

[Coins in active circulation at end of December 1947]

50 piasters.....	10	680 silver, 320 copper.....	28	2
25 piasters.....	5	do.....	24	1.5
10 piasters.....	2	do.....	17	1
5 piasters.....	4.2	Bronze-aluminum.....	22.5	1.5
2½ piasters.....	2.9	do.....	21	1.5
2 piasters.....	1.9	do.....	18	1
1 piaster.....	5	Bronze-nickel.....	24	1.5
Do.....	3.5	Zinc.....	24	1.5
½ piastre.....	4	Bronze-nickel.....	21	1.5

## ADDENDA

131

## TURKEY

[Coins in active circulation at end of December 1947]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	<i>Grams</i>			
1 lira (pound).....	12	830 silver, 170 copper	29	1.82
Do.....	7.5	600 silver, 400 copper	25	1.57
50 kurus (piasters).....	6	830 silver, 170 copper	24	1.25
Do.....	4	600 silver, 400 copper	20	1.315
25 kurus.....	3	830 silver, 170 copper	19	1
Do.....	3	65 bronze, 35 nickel	19	1
10 kurus.....	6	75 copper, 25 nickel	25.5	1.35
5 kurus.....	4	do	21.5	1.28
1 kuru (piaster).....	2.5	do	18.5	1.18
Do.....	2.25	70 copper, 30 zinc	18	1.15
½ kuru.....	2	91 copper, 9 aluminum	17	1.18

## UNION OF SOUTH AFRICA

[Coins in active circulation at end of December 1947]

Crown.....	28.27590	800 silver, 200 copper	38.735	2.4003
Half crown.....	14.13795	do	32.15631	1.727
Florin.....	11.31036	do	28.6253	1.75251
Shilling.....	5.65518	do	23.59619	1.2695
Sixpence.....	2.82759	do	19.32731	0.965
Threepence.....	1.41379	do	16.20512	0.66032
Penny.....	9.44984	Mixed metal <sup>43</sup>	30.9133	1.37151
Halfpenny.....	5.66990	do	25.52637	1.219
Farthing.....	2.83495	do	20.11671	0.99051

<sup>43</sup> Proportions at present: 95 copper, 4.5 zinc, 0.5 tin.

## URUGUAY

[Coins in active circulation at end of December 1947]

1 peso.....	9	720 silver, 280 copper	27	
50 centesimos.....	7	do	24	
20 centesimos.....	3	do	18.5	
10 centesimos.....	6	91 copper, 9 aluminum	25	
5 centesimos.....	5	75 copper, 25 nickel	23	
Do.....	5	95.5 copper, 3 tin, 1.5 zinc	23	
2 centesimos.....	3.5	75 copper, 25 nickel	20	
Do.....	3.5	95.5 copper, 3 tin, 1.5 zinc	20	
1 centesimo.....	2	75 copper, 25 nickel	17	

## VENEZUELA

[Coins in active circulation at end of December 1947]

5 bolivares.....	25	900 silver, 100 copper	37	
2 bolivares.....	10	835 silver, 165 copper	27	
1 bolivar.....	5	do	23	
½ bolivar.....	2.5	do	18	
¼ bolivar.....	1.25	do	16	
12½ centimos.....	5	75 copper, 25 nickel	23	
5 centimos.....	2.5	do	19	

# INDEX

---

## A

	Page
Acts authorizing coinage-----	67
Alabama, production of gold and silver-----	15, 16
Alaska:	
Production of gold and silver-----	15, 16, 33
Production review-----	19
Appalachian States, production of gold and silver, review-----	30
Arizona:	
Production of gold and silver-----	15, 16, 33
Production review-----	20
Arts, industrial, gold and silver used:	
In United States, 1947-----	8, 17
In United States since 1880. ( <i>See</i> 1944 report.)	
In world. ( <i>See</i> World.)	
Assay commission, annual test of coins-----	9
Assets and liabilities-----	59, 60

## B

Balances, receipts, and disbursements of gold bullion-----	5
Bars, refined issue-bars manufactured-----	4
Bars of gold issued for industrial use-----	4, 17
Bases, statistical-----	37
British India, imports and exports of gold and silver since 1873. ( <i>See</i> 1944 report.)	
Bullion and coin imported and exported, by calendar years since 1873. ( <i>See</i> 1944 report.)	
Bullion:	
Deposit transactions-----	3, 39
Deposits and purchases-----	3, 4, 40-47
Gains and losses-----	8
Gold and silver imported and exported to and from British India since 1873. ( <i>See</i> 1944 report.)	
Gold receipts, disbursements, and balances-----	5
In mints and assay offices-----	5, 59, 60
Number of deposit transactions-----	3, 39
Recovered (surplus) in ounces-----	6-7
Silver exports from London to the East since 1881. ( <i>See</i> 1944 report.)	
Silver, refined, exports from United States since 1900. ( <i>See</i> 1944 report.)	
Stock of, in United States-----	5
Value of a silver dollar since 1837 ( <i>See</i> 1947 report.)	
Bureau of the Mint ( <i>See also</i> Mint Service):	
Employees-----	1, 11
Receipts-----	58

## C

California:	
Production of gold and silver-----	15, 16, 33
Production review-----	21
Central States of the United States, review of production of gold and silver-----	30
Coin:	
Demand for, during fiscal year 1948-----	3
Deposits since 1873. ( <i>See</i> 1946 Report.)	
Domestic, specifications-----	67-70
Minor, issued, melted, and outstanding. ( <i>See</i> Stock of, in United States).	

	Page
Coin—Continued	
Test by annual assay commission.....	9
Withdrawn from monetary use.....	54, 55
Coin and bullion:	
Stock of, in mints and assay offices.....	59, 60
Stock of, in United States.....	3, 57
Coinage by the United States for other countries.....	2, 52, 53
Coinage of nations, 1947. ( <i>See</i> World.)	
Coinage of the United States:	
Authority for coinage, changes in weight and fineness, amounts.....	67–70
By classes (gold, silver, minor, total) and calendar years since 1793.....	71–78
By each mint and by denominations:	
Since 1793.....	79–97
During past 10 fiscal years in value and pieces.....	63–64
Calendar year 1947.....	51
Commemorative.....	98
Fiscal year 1948.....	2
Gold, by denominations and calendar years since 1793.....	73
Gold, by fine ounces, value, and fiscal years, since 1873. ( <i>See</i> 1944 report.)	
Minor, by denominations and calendar years since 1793.....	77
Review of.....	1–2
Seigniorage on silver and minor coins. ( <i>See</i> Receipts, Bureau of Mint.)	
Silver, by denominations and calendar years since 1793.....	75
Silver, by fine ounces, value, and fiscal years since 1873. ( <i>See</i> 1944 report.)	
Uncurrent coin used in.....	56
Coining department operations.....	6
Coins withdrawn from monetary use. ( <i>See</i> Withdrawn coin.)	
Colorado:	
Production of gold and silver.....	15, 16, 33
Production review.....	23
Commemorative coins: Authority for coinage, weight, fineness, amount.....	67
Consumption of gold and silver in the world. ( <i>See</i> World.)	
Consumption of gold and silver in the United States.....	8, 17

**D**

Deposits and purchases of gold.....	3, 5, 40, 44
Deposits and purchases of silver.....	4, 42, 46
Deposits of gold since 1873. ( <i>See</i> 1946 report.)	
Deposits of silver since 1873. ( <i>See</i> 1946 report.)	
Deposit transactions, number.....	3, 39
Disbursements, receipts, and balances of gold bullion.....	5
Dollar, silver bullion, value of, since 1837 ( <i>See</i> 1947 report.)	

**E**

Eastern or Appalachian States, production review.....	30
Employees classified by institution and department.....	11
Exports and imports of gold and silver, British India, since 1873. ( <i>See</i> 1944 report.)	

**F**

Finances of United States coins.....	67
Foreign coinage, by United States mints.....	2, 52, 53
Foreign and world monetary statistics. ( <i>See</i> World.)	

**G**

Gains and losses on operations, fiscal year 1948.....	8
Georgia, production of gold and silver.....	15, 16, 30, 33
Gold ( <i>See also</i> Silver and gold):	
Acquired by mint service.....	3, 5, 40, 44
Balances, receipts, and disbursements, fiscal year 1948.....	5
Bars issued for industrial use.....	4, 17

	Page
Gold—Continued	
Bars used in the arts since 1880 in the United States. ( <i>See</i> 1944 report.)	
Bullion in United States-----	5
Bullion balances, receipts, and disbursements, fiscal year 1948-----	5
Bullion deposits. ( <i>See</i> above.)	
Bullion in mints and assay offices-----	5, 59, 60
Bullion (surplus) recovered-----	6, 8
Coinage, by acts since 1792-----	67-70
Coinage, by denominations and calendar years since 1793-----	73
Coinage, by individual mints-----	79-97
Coinage, fine ounces and value, since 1873. ( <i>See</i> 1944 report.)	
Coinage of nations, 1947. ( <i>See</i> World.)	
Coin of United States withdrawn-----	54, 55
Deposits and purchases of mints and assay offices-----	3, 5, 40, 44
Deposits since 1873. ( <i>See</i> 1946 report.)	
Imports and exports, since 1873, by calendar years. ( <i>See</i> 1944 report.)	
Increment-----	3, 5, 40, 44
Industrial consumption, United States-----	8, 17
Operations of mint service-----	1
Price of, in London, since 1870. ( <i>See</i> 1944 report.)	
Production, distributed by mines, as reported by owners as to source-----	33
Production, distributed by States, increase or decrease-----	15
Production of world, by countries, 1939-1947. ( <i>See</i> World.)	
Production of world, yearly since discovery of America. ( <i>See</i> 1944 report.)	
Production of United States since 1792, by ounces and value-----	16
Production of United States, estimate for 1946 and 1947-----	15
Stock and per capita in the United States since 1873. ( <i>See</i> 1944 report.)	
Stock of bullion in mints and assay offices-----	5, 59, 60
Stock of United States-----	5, 59, 60
Stock of world, 1947. ( <i>See</i> World.)	
Transfers, intermint, and from other Treasury offices-----	3, 40, 44
Used in arts in United States. ( <i>See</i> Industrial arts.)	
Government refineries, work of-----	4

**I**

Idaho:	
Production of gold and silver-----	15, 16, 33
Production review-----	24
Illinois, production of silver-----	16, 30, 33
Imports and exports of United States of gold and silver since 1873. ( <i>See</i> 1944 report.)	
Increment on gold-----	3, 5, 40, 44
Industrial arts, gold and silver used:	
In United States-----	8, 17
In world. ( <i>See</i> World.)	
Institutions of mint service-----	1
Issue-bars, refined, manufactured-----	4
Issue of coins by mints-----	3
Issue of fine gold bars for industrial use-----	4, 17

**L**

Lend-lease silver. ( <i>See</i> 1946 report.)	
Liabilities and assets, mints and assay offices-----	59, 60
London ( <i>see</i> 1944 report):	
Exports of silver to the East since 1881.	
Price of gold since 1870.	
Price of silver since 1833.	
Loss by recoinage-----	54, 55, 56
Loss on sale of sweeps, wastage, and gains from operations-----	8

## M

	Page
Medals	3
Melting and refining department and coining department operations	6
Michigan, production of silver	16, 30, 33
Mines, production of gold and silver, distributed as reported by owners	33
Minor coin:	
Coinage, by authorizing acts	70
Coinage, by denominations and calendar years since 1793	77
Coinage, by individual mints	79-97
Issued, melted, and outstanding. ( <i>See Stock of, in U. S.</i> )	
Operations of melting and refining, and coining departments, fiscal year 1948	6
Seigniorage on	58
Stock in the United States	3, 57
Withdrawn from monetary use, loss by recoinage	54, 55, 56
Mint Bureau ( <i>See Bureau of.</i> )	
Mint Service:	
Assets and liabilities	59, 60
Employees, by departments	11
Operations, review of	1-11
Missouri, production of silver	16, 25, 33
Monetary statistics, foreign and world. ( <i>See World.</i> )	
Monetary stock of the world, 1947. ( <i>See World.</i> )	
Montana:	
Production of gold and silver	15, 16, 33
Production review	25
Mutilated and uncirculated domestic coin received for recoinage:	
Calendar year 1947	55
Fiscal year 1948	54

## N

Nevada:	
Production of gold and silver	15, 16, 33
Production review	27
New Mexico:	
Production of gold and silver	15, 16, 33
Production review	28
New York, production of silver	16, 30, 33
North Carolina, production of gold and silver	15, 16, 30, 33

## O

Operations:	
Coining departments	6
Melting and refining departments	6
Mints, assay offices and bullion depositories	1-11
Refineries	4
Sweeps cellar	7
Oregon:	
Production of gold and silver	15, 16, 33
Production review	28

## P

Paper money and metallic stock of countries of world. ( <i>See World.</i> )	
Pennsylvania, production of gold and silver	15, 16, 30, 33
Price of gold in London since 1870. ( <i>See 1944 report.</i> )	
Price of silver:	
Average, highest and lowest	61
In London and New York during calendar year 1947 and fiscal year 1948	61, 62
In London since 1833. ( <i>See 1944 report.</i> )	
In New York since 1874 ( <i>See 1947 report.</i> )	

	Page
Production of gold and silver in United States:	
By ounces and value since 1792-----	16, 17
By producing States and Territories, estimate of Director of the Mint-----	15, 16
Reported, as to source, by mine owners-----	33
Production of gold and silver in the world. ( <i>See</i> World.)	
Purchases of gold and silver, calendar year 1947-----	44-47
Purchases of gold and silver, fiscal year 1948-----	40-43
Pyx coins, report of annual assay commission-----	9
<b>R</b>	
Ratio of silver to gold since 1687. ( <i>See</i> 1944 report.)	
Receipts, disbursements, and balances of gold bullion, fiscal year 1948-----	5
Receipts, Bureau of the Mint, fiscal year 1948-----	58
Receipts of gold and silver, by institutions-----	40-47
Recoinage ( <i>see also</i> Withdrawn coin):	
Domestic gold, silver, and minor uncirculated coins-----	54, 55
Domestic silver since 1890-----	56
Foreign countries. ( <i>See</i> World.)	
United States silver dollars since 1883-----	56
Refined issue-bars manufactured-----	4
Refineries, Government, work of-----	4
Refinery production of gold and silver-----	4, 15, 16
Revaluation of silver as security for certificates-----	4
<b>S</b>	
Seigniorage accrued during fiscal year 1948-----	4, 58
Silver ( <i>see also</i> Silver and gold):	
Bullion acquired by the United States-----	4
Bullion exported from United States since 1900. ( <i>See</i> 1944 report.)	
Bullion in mints and assay offices-----	59, 60
Bullion revalued as security for certificates. ( <i>See</i> Revaluation of silver.)	
Bullion value of silver dollar since 1837 ( <i>See</i> 1947 report.)	
Coin of the United States withdrawn for recoupage. ( <i>See</i> Recoupage.)	
Coinage of nations. ( <i>See</i> World.)	
Coinage by denominations and calendar years, since 1793-----	73-78
Coinage by United States for foreign countries-----	2, 52, 63
Deposits and purchases of mints and assay offices-----	42-46
Deposits since 1873. ( <i>See</i> 1946 report.)	
Dollars used in subsidiary coinage since 1883-----	56
Imports and exports of United States since 1873. ( <i>See</i> 1944 report.)	
Operations of mint service-----	1-11
Price of, in London and New York, during calendar year 1947 and fiscal year 1948-----	61, 62
Price of, in London since 1833. ( <i>See</i> 1944 report.)	
Price of, in New York since 1874. ( <i>See</i> 1947 report.)	
Product of United States, distributed by States, increase or decrease-----	16
Production of the United States since 1792-----	17
Purchased, calendar year 1947-----	46
Purchased, fiscal year 1948-----	42
Ratio to gold since 1837. ( <i>See</i> 1947 report.)	
Recoupage of uncirculated silver coin-----	56
Revalued bullion as security for certificates. ( <i>See</i> Revaluation of silver.)	
Sales, act of July 31, 1946-----	4
Sales, Green Act ( <i>See</i> 1946 report.)	
Stock of bullion in mints and assay offices-----	59, 60
Stock of coin in United States-----	3, 57
Summary of silver receipts and issues, fiscal years 1932-1946. ( <i>See</i> 1946 report.)	
Transfers, intermint, and from other Treasury offices-----	42, 46
Used in arts in United States-----	8, 17
World's production. ( <i>See</i> World.)	

	Page
Silver and gold:	
Arts consumption	8, 17
Bullion gains and losses	8
Coinage of United States:	
By acts, since 1792	67
By individual mints	79-97
Calendar year 1947	51
Fiscal year 1948	2
Fine ounces and values since 1932. ( <i>See</i> 1946 report.)	
Domestic exports	61
Product of United States, as reported by mine owners, distributed as to source	33
Product by States and Territories, estimate of Director of the Mint	15, 16
Product of the world. ( <i>See</i> World.)	
Stock of world, 1947. ( <i>See</i> World.)	
Used in the industrial arts, United States	8, 17
South Carolina, production of gold and silver	15, 16, 30, 33
South Dakota:	
Production of gold and silver	15, 16, 33
Production review	29
Specifications, domestic coin	67-70
Statistical bases	37
Stock of bullion and coin in mints and assay offices	59, 60
Stock of coin and monetary bullion in United States	3, 5, 57
Stock of gold in United States, by calendar years since 1879 and by fiscal years 1873 to 1879. ( <i>See</i> 1944 report.)	
Stock, monetary, of world, 1947. ( <i>See</i> World.)	
Surplus and wastage of bullion in ounces	6
Sweep-cellar operations	7
Sweeps, loss on sale of	8

## T

Transactions, number of bullion deposits	3, 39
Transfers, intermint and from other Treasury offices:	
Gold	40, 44
Silver	42, 46
Tennessee, production of gold and silver	15, 16, 30, 33
Texas:	
Production of gold and silver	15, 16, 33
Production review	31

## U

Uncurrent domestic coin melted	54, 55, 56
United States:	
Coinage, by acts, since 1793	67-70
Coinage, by individual mints and by denominations, since 1793	79-97
Coinage, calendar year 1947	51
Coinage, fiscal year 1948	2
Coinage for other countries	2, 52, 53
Coinage, ounces and value, since 1932. ( <i>See</i> 1946 report.)	
Deposits and purchases of gold and silver	40-47
Industrial consumption of gold and silver	8, 17
Production of gold and silver, by States	15, 16, 33
Production of gold and silver, fine ounces and value, since 1792	17
Utah:	
Production of gold and silver	15, 16, 33
Production review	31

## V

Value of silver bullion in the silver dollar since 1837. ( <i>See</i> 1947 report.)	
Vermont, production of gold and silver	15, 16, 33
Virginia, production of gold and silver	15, 16, 30, 33

W	Page
Washington:	
Production of gold and silver-----	15, 16, 33
Production review-----	32
Wastage and loss on sale of sweeps-----	8
Wastage and surplus of bullion, in ounces-----	6
Wastage, gold and silver, operative, legal limits-----	6
Weight of United States coins-----	67-70
Withdrawn domestic coin-----	54, 55
Withdrawn foreign coin. ( <i>See</i> World.)	
World:	
Coinage of 1947-----	103-108
Coins in circulation-----	115-131
Coins withdrawn from circulation-----	109
Gold and silver (old) returned from industrial use-----	109
Gold and silver used in industrial arts-----	110
Mints of the world-----	108
Monetary statistics-----	100
Monetary stock of gold, silver, minor coin, and paper money, 1947-----	101-102
Production of gold and silver, 1939-1947, by countries-----	111-114
Production of gold and silver since discovery of America. ( <i>See</i> 1944 report.)	
Wyoming:	
Production of gold and silver-----	15, 16, 33
Production review-----	33





